


Resources

Year 6



NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

WEEK 1 – pages 2–4


MONDAY

- 3.00 or 3 o'clock
- 5 + 5
- B + C
- 7 + 7 + 7
- 8
- 3, 3, 3
- 365
- 14
- Answers will vary.
- 
- 100
- 200
- 5
- 18
- (a) 110 (b) yes
- B
- C
- 14
- 10

TUESDAY


- 3.30 or half past 3
- 9 + 9 + 9
- 4 + 4 + 4
- 
- 5, 5, 5, 2
- (a) 292 (b) 305
- 1100
- 7
- $\frac{1}{4}, \frac{3}{4}, \frac{9}{10}, 1$
- 10
- 
- $\frac{1}{4}$ turn
- (a) odd (b) 13
- 200
- 89
- D
- A
- B
- 15
- 18.70

WEDNESDAY

- B
- 0
- 10 + 10 + 10
- 1919
- 950
- 3, 3, 3, 2
- (a) 22 (b) 32
- 3
- 
- 30
- 366
- 24
- (a) 100 (b) 1000
- 1
- summer
- 12

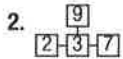
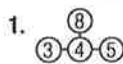
- $\frac{1}{2}$ turn
- (a) 16 (b) 160
- 70
- 32

THURSDAY

- A
- 7 + 7 = 14
- 70
- It is equally likely to be a head or tail.
- 8
- 991, 1011
- \times, \div
- Teacher check
- 10
- \times
- (a) 10 (b) 100
- Teacher check
- 1
- (a) 110 (b) 1100
- 60
- 
- (a) 9 (b) 90
- C
- 3935
- 290

PROBLEM-SOLVING

Monday



Tuesday


- 6
 - 18
- Wednesday

- 63
- 57

Thursday




FRIDAY REVIEW

- 16
- 1010
- 413
- 6
- 1020, 1000
- 60
- \times
- 4
- C
- 999, 1001
- (a) 120 (b) even
- 8
- 1009
- \times
- 525
- 40
- 4.30
- 365
- 100
- 

- $\frac{1}{4}$ turn
- 14
- 10
- 24
- Hugo

WEEK 2 – pages 5–7

MONDAY

- 8.00 or 8 o'clock
- 16
- 4 + 4 + 4 + 4 + 4 = 20
- 3
- 16 ÷ 4 = 4
- +
- 1010
- 
- 15
- pentagon
- 30 mm
- (a) 4 cm (b) 40 mm
- spring
- 365
- 52
- 197
- 990
- 42
- (a) 78 (b) 678
- Chantelle

TUESDAY


- A
- 7 + 7 + 7 + 7 = 28
- 1000
- (a) 8523 (b) 2358
- 15 ÷ 3 = 5
- (a) 10 (b) 100
- 100
- 200
- XYZ
- 6
- Teacher check
- 1
- hexagon
- B
- (a) 11 (b) 110
- (a) 14 (b) 140
- 60
- 24
- 6
- 1

WEDNESDAY

- A
- 10
- 22
- (a) 87 (b) 107
- 3 + 3 + 3 + 3 + 3 = 15
- 3 × 4 = 12
- 12
- 4
- 24
- (a) 11 (b) 110
- $\frac{1}{2}$
- 9009
- a square
- 10 + 8 + 10 + 8 = 20 + 16 = 36

- (a) 48 (b) 480
- 14
- (a) 120 (b) 1200
- 5
- cherries
- plums

THURSDAY

- 10.45
- (a) 37 (b) 127
- 159
- (a) 83 (b) 103
- 4
- 8 + 8 + 8 = 24
- 6 × 3 = 18
- 10
- 405
- $\frac{1}{4}$
- pentagon
- (a) 11 (b) 110
- 7
- 
- (a) 5 (b) 50
- (a) 3 (b) 30
- $\frac{1}{5}, \frac{1}{3}, \frac{1}{2}, 1$
- D
- A
- 2.95

PROBLEM-SOLVING

Monday

- 57
- 9

Tuesday

- \$3
- Sat 19 August


Wednesday

- 1, 15
- Sat 2 September

Thursday

- \$13
- \$1 × 1, \$2 × 6

FRIDAY REVIEW

- 9 + 9 + 9 = 27
- 9
- 0
- 8, 10
- 24
- 13, 130
- ÷
- 2010
- 36
- 38
- 134
- $\frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}, 1$
- 705
- B
- 65c
- 6.15 am
- 366
- 24 cm
- autumn
- 
- B
- YYY

- 6
- 5
- 21

WEEK 3 – pages 8–10

MONDAY

- 2.15
- 60
- 7 × 10
- 5
- 3 + 3 + 3 + 3 = 12
- 3 × 7 = 21
- 91
- 1012
- 8
- 52
- 24
- (a) 13 (b) 23
- 20
- 6
- square
- 2 × 300 = 600
- 40
- 100
- 8
- 2


TUESDAY

- 12
- 8 + 8 + 8 = 24
- 75
- (a) 31 (b) 131
- 105
- 70
- (a) 14 (b) 140
- 48
- 6
- 18 ÷ 3 = 6
- (a) 130 (b) 1300
- 91



- triangular prism
- 100
- 6
- 5
- 8
- (a) 50 (b) 500
- 900

WEDNESDAY

- 5.15
- 4
- (a) 84 (b) 840
- 9
- 27
- 9 × 3 = 27
- 12
- $\frac{1}{2}$
- $\frac{1}{2}$
- (a) 40 (b) 400
- 7, 7
- square prism or cube
- \$2.50 + \$2.50 + \$2.50 + \$2.50 = \$10
- 

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

15. 980, 1080
 16. autumn, spring
 17. $\frac{1}{3}$
 18. 50
 19.–20. Teacher check

THURSDAY

1. 9.15
 2. $2 + 2 + 2 + 2 = 8$
 3. 5
 4. 5, 5
 5. 100
 6. C
 7. 12, 1200
 8. 3000, 300, 30, 3, 3333
 9. 81
 10. 14
 11. 1100
 12. (a) 6 (b) 60
 13. 10
 14. square-based pyramid
 15. even, or 1 in 2
 16. 8
 17. odd
 18. 44, 44
 19. (a) + (b) 8
 20. 40

PROBLEM-SOLVING

- Monday
1. 2 in 4
 2. $\frac{1}{4}$
- Tuesday
1. C
 2. Dave
- Wednesday
1. 4
 2. 24
- Thursday
1.

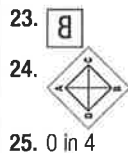
1	6
16	11

 2.

16	8
24	32

FRIDAY REVIEW

1. $3 + 3 + 3 + 3 = 12$
 2. 3000
 3. 45 km
 4. 150
 5. 6, 3
 6. 103
 7. 1015
 8. 5
 9. 96
 10. \times
 11. 20
 12. $\$2.50 + \$2.50 + \$2.50 = \7.50
 13. 4
 14. $12 \div 3 = 4$
 15. 12
 16. odd
 17. (a) 10 (b) 100
 18. 7.15
 19. 2
 20. 6
 21. 1
 22. 52




24. 



25. 0 in 4

WEEK 4 – pages 11–13

MONDAY


1. 1
 2. 500
 3. 16
 4. 20
 5. 100
 6. 365
 7. 101, 91, 61
 8. square-based pyramid
 9. \times
 10. \div
 11. 350
 12. 
 13. 55, 5
 14. 60
 15. 1 in 6
 16. $\frac{3}{6}$ or $\frac{1}{2}$
 17. 1
 18. 9
 19. 5
 20. 10

TUESDAY

1. 3
 2. 25
 3. 
 4. 
 5. (a) 15 (b) 150
 6. 80
 7. 4
 8. 50c
 9. 12
 10. $36 \div 3 = 12$
 11. 3
 12. even
 13. 52
 14. kg
 15. g
 16. 240, 300
 17. 25
 18. kilograms
 19. (a) 5 (b) 50
 20. 100

WEDNESDAY

1. 11
 2. 25
 3. 3
 4. 70
 5. 36
 6. 54
 7. 9
 8. December, January and February
 9. 44, 47, 3
 10. 10
 11. 1, 9
 12. pentagon
 13. 31
 14. Teacher check
 15. 438

16. even
 17. 2, 20
 18. 60c
 19. 4
 20. 


THURSDAY

1. 4
 2. 16, 4
 3. 3.30
 4. 30, 50
 5. 100
 6. triangular prism
 7. 1100
 8. 100
 9. 72
 10. 10
 11. 8
 12. odd
 13. (a) 9 (b) 900
 14. B and D
 15. 28 or 29
 16. green
 17. 7
 18. 20
 19. 4
 20. 27

PROBLEM-SOLVING

- Monday
1. 3
 2. no
- Tuesday
1. \$100
 2. 3 hrs 30 min or $3\frac{1}{2}$ hrs
- Wednesday
1. 4
 2. 2.25
- Thursday
1. Mon 10.20 am
 2. Tues 10.20 am

FRIDAY REVIEW

1. 0
 2. 36, 9, 36
 3. odd
 4. 6
 5. 33, 11, 33
 6. 60
 7. 14
 8. 
 9. 60c
 10. 100
 11. 30
 12. 1
 13. 12
 14. 26
 15. C and G
 16. kilograms
 17. pyramid
 18. A
 19. D
 20. 28
 21. 19
 22. \$42
 23. 3
 24. 1 in 4
 25. 2 in 4 or $\frac{1}{2}$

WEEK 5 – pages 14–16


MONDAY

1. 6
 2. 19
 3. 16, Teacher check
 array
 4. 4
 5. 33, 11
 6. rectangle
 7. 15
 8. 155, 170, 15
 9. (a) 11 (b) 21
 10. 5, 50
 11. 31
 12. 896
 13. 6
 14. (a) 18 (b) 38
 15. 10
 16. vertical
 17. hexagon
 18. 365
 19. 10 862
 20. \times

TUESDAY

1. 11
 2. (a) 14 (b) 24
 3. 30
 4. 21, Teacher check
 array
 5. 6
 6. 100
 7. 4, 40
 8. 48, 51, 3
 9. triangular prism
 10. 25
 11. (a) 10 (b) 4
 12. 1020
 13. 80c
 14. \$1.50
 15. 6
 16. 5
 17. (a) 0.3 (b) 0.5
 18. 30
 19. horizontal
 20. \div

WEDNESDAY

1. Teacher check
 2. 8
 3. \$14.50
 4. 30
 5. 366
 6. 4
 7. 88
 8. octagon
 9. 52
 10. \div
 11. $\frac{5}{10}$
 12. $\frac{4}{10}$
 13. June, July, August
 14. 60
 15. vertical
 16. 2
 17. sphere
 18. 

19. 29
 20. Teacher check

THURSDAY


1. 4
 2. 4
 3. 40

4. 1007
 5. 8
 6. 30c
 7. 28
 8. \$4.50
 9. cm
 10. 16
 11. 88
 12. (a) 24 (b) 6
 13. am
 14. 28 or 29
 15. 80
 16. 100
 17. 16
 18. 5
 19. no
 20. 0.5

PROBLEM-SOLVING

- Monday
1. 10, 4
 2. 3, 8
- Tuesday
1. camping, judo
 2. 5
- Wednesday
1. 48
 2. 9
- Thursday
1. square or rectangular pyramid
 2. Teacher check

FRIDAY REVIEW


1. Teacher check
 2. 24, 24
 3. 1009
 4. 90
 5. 10
 6. 10
 7. (a) 15 (b) 150
 8. (a) 98 (b) even
 9. (a) 6 (b) 5 (c) 3
 10. (a) \div (b) 21
 11. \$28
 12. $4 \times \$7 = \28
 13. 3
 14. 30
 15. rectangular prism
 16. Teacher check
 17. km
 18. am
 19. 
 20. 6
 21. horizontal
 22. June, July, August
 23. 28
 24. 9
 25. 2

WEEK 6 – pages 17–19


MONDAY

1. 7.45
 2. 93
 3. 6
 4. 5

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

5. clockwise
6. 32
7. 
8. 40
9. 36
10. June
11. 31
12. (a) 110 (b) 1100
13. \times
14. 5
15. $\frac{2}{3}, 1\frac{1}{3}, 2\frac{1}{3}$
16. \$16
17. 7
18. 5
19. Yomo, Tamo
20. Zea, Zoe, Zia, Zae

TUESDAY



1. 1.45
2. 18, 18, 6
3. 
4. 110
5. 28
6. 4
7. 1220
8. A, C
9. 130
10. 8
11. 3, 30
12. March, April, May
13. \times
14. 0.6
15. Teacher check
16. 976
17. 76
18. 38
19. 10
20. (a) 10 (b) 100 (c) 1000

WEDNESDAY

1. 11.45
2. 0, 6, 6
3. 12
4. 0
5. $\frac{1}{2}$ or $\frac{2}{4}, \frac{3}{4}, 1\frac{2}{4}$ or $1\frac{1}{2}$
6. pm
7. 25
8. (a) 120 (b) 1200
9. (a) 90 (b) 900
10. 200
11. $(10 + 8) + (10 + 5) = (20 + 13) = 33$
12. 6
13. 6
14. $1\frac{1}{2}$ pizzas
15. anticlockwise
16. 24
17. 1
18. 50
19. 1100
20. 16

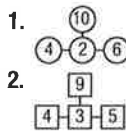
THURSDAY

1. sphere
2. 32, 32
3. 10c
4. 100

5. 16
6. 
7. \$1
8. 1010
9. 1000
10. 2
11. 200
12. 9
13. morning
14. 
15. 4
16. unicorn
17. camel
18. hyena
19. 52
20. (a) 22 (b) 30

PROBLEM-SOLVING

Monday



Tuesday

1. 32
2. 48


Wednesday

1. 5 kg
2. 7 kg

Thursday

1. 14
2. 12


FRIDAY REVIEW

1. 36
2. 100
3. 34
4. 400
5. 140, 1400
6. 15
7. 88
8. \$1
9. 1040
10. 150
11. 15
12. 80
13. 1109
14. 87
15. 0.7
16. 4.45
17. Wednesday
18. 10
19. 16
20. $\checkmark, \times, \checkmark$
21. 31
22. 
23. Ema, Oma, Ama, Mila
24. Hugo, Amy
25. Ema, Oma, Ama, Fini, Vini

WEEK 7 – pages 20–22

MONDAY

1. 9.15
2. 31
3. C and D
4. 4, 40

5. 10
6. 36
7. 1 in 6
8. 1200
9. 990
10. 10
11. 130
12. 75
13. 
14. 88
15. 12
16. 160
17. 137
18. 600
19. 2000, 2010
20. highly unlikely

TUESDAY

1. 7.45
2. 100
- 3.



4. 20
5. $7 \times 2, 2 \times 10, 5 \times 5, 3 \times 9$
6. 21
7. 90c
8. 100
9. 4, 4
10. B
11. even
12. 1200
13. cylinder
14. 85 mins, $1\frac{1}{2}$ hrs, 117 mins, 2 hrs
15. 32, 5
16. \$10.20
17. 48
18. 300
19. $9 + 9 = 18$
20. 200

WEDNESDAY

1. 12.45
2. 2
3. 15
4. $1\frac{1}{2}, 2\frac{1}{2}$
5. 31
6. September, October, November
7. 100
8. 0.9
9. 65
10. 200
11. 8
12. 120
13. square
14. 30
15. am
- 16.–18. Teacher check
19. 2nd row, 2nd from left
20. front, 1st

THURSDAY

1. 3.00
2. 10
3. 5
4. 14

5. octagon
6. $2\frac{1}{2}$
7. even
8. 30 minutes
9. (a) $\frac{1}{5}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{2}$
10. cube
11. 50
12. 444
13. 14, 140
14. (a) 20 g (b) 3
15. \$6.50
16. 24
17. 30
18. 200
19. $8 + 8 + 8 = 24$
20. 1100

PROBLEM-SOLVING

Monday

1. 2000
2. Mosman

Tuesday

- 1.–2. Teacher check


Wednesday

1. 7
2. 12

Thursday

1. 7.15
2. 9, 6

FRIDAY REVIEW

1. 21
2. 1100
3. 0.6
4. (a) 16 (b) 160
5. 1999
6. odd
7. 120
8. 180
9. 280
10. 500
11. \$3.50
12. 5
13. 8.15
14. vertically
15. 
16. 6
17. 1
18. pm
19. 30
20. 4
21. cylinder
22. September, October, November
23. emu
24. wombat and koala or wombat and emu
25. 24


WEEK 8 – pages 23–25

MONDAY

1. 6
2. 16
3. 80
4. (a) 26 (b) 6
5. 31
6. 7, 7

7. 6
8. $30 \div 5 = 6$
9. 400 m
10. pm
11. afternoon
12. $4\frac{1}{2}$
13. 12
14. 38
15. 32
16. 105
17. 4
18. 5
19. 140
20. $3\frac{1}{2}$

TUESDAY

1. A
2. 2
3. 99
4. (a) even (b) odd
5. \$3.50
6. Teacher check
7. $\frac{2}{4}$
8. column
9. 90
10. 700
11. 1400
12. 200
13. (a) 5 (b) 25
14. 800
15. (a) odd (b) even
16. 14
17. 52
18. 5
19. horizontal
20. 


WEDNESDAY

1. 4
2. (a) 2 (b) 2
3. kilogram
4. 1000
5. 150
6. 8
7. 1 m
8. 30
9. gram
10. 12, 16, 20, 24, 28
11. $\frac{1}{3}$
12. cone
13. 27
14. 8753
15. 1300
16. $1\frac{1}{2}$
17. 100
18. \$8.50
19. odd, 2234, 3263, 2033
Final answer = 2233
20. 0.4

THURSDAY

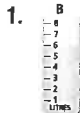
1. an even chance
2. $14 - 7, 7 + 9, 2 \times 9, 4 \times 5$
3. 195
4. (a) 62 (b) even
5. $\frac{1}{4}$
6. 12 pm
7. cylinder

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

8. 24
9. 160
10. 120
11. 22, 33, 44, 55
12. 10 765
13. litres
14. 
15. $\frac{1}{4}, \frac{3}{4}$
16. 20
17. 4
18. anticlockwise
19. 6
20. 31

PROBLEM-SOLVING

Monday



Tuesday

1. Answers include:
 $5 + 4 + 3 = 12$
 $9 + 2 + 1 = 12$
 $6 + 4 + 2 = 12$
 $8 + 1 + 3 = 12$
 $7 + 3 + 2 = 12$
 $6 + 5 + 1 = 12$

2. 50

Wednesday


1. 144
2. 25

Thursday

1. Teacher check drawing,
 $9 + 9 + 9$

2. 30

FRIDAY REVIEW

1. 130
2. \$3.50
3. 4763
4. 292
5. $\frac{1}{2}, \frac{3}{4}$
6. 1200
7. 5, 10, 15, 20, 25, 30, 35
8. 800
9. 1000
10. 800
11. (a) 51 (b) odd
12. $2\frac{1}{2}$
13. 120
14. 1200
15. 35
16. 15
17. 2.05
18. 1 m
19. Tuesday, clock B
20. cone
21. 
22. 30
23. 400
24. clockwise
25. Teacher check

WEEK 9 – pages 26–28

MONDAY

1. (a) Sydney
(b) Adelaide
2. 12.05
3. 24
4. no
5. am
6. $\frac{1}{6}$
7. 3 in 4
8. $\frac{1}{2}$ turn
9. 13, 130
10. $3000 + 90 + 6$
11. 3000
12. (a) 16 (b) even
13. 1 km
14. 70
15. $18 \div 3 = 6, 6$
16. 2000, 2005, 2010
17. \div
18. 230
19. 1900
20. 140

TUESDAY

1. Teacher check, 1.05
2. 140
3. 45, odd
4. 70c
5. 12 408
6. 398
7. pentagon
8. $5000 + 100 + 90$
9. summer
10. 31
11. $\frac{1}{4}$ of an hour, $\frac{1}{2}$ an hour, 60 min
12. $>, =, <$
13. 10
14. 38
15. 27
16. 11 000
17. 9600
18. 46
19. 6
20. 8.09 am

WEDNESDAY

1. A
2. 3, 3
3. 200
4. 20 km/h
5. 366
6. 200 m
7. (a) 50 (b) even
8. $7000 + 30 + 8$
9. evening
10. 10
11. $\frac{1}{10}$
12. circle
13. $1 \times 1 = 1$
14. 40c
15. Ben and Dan
16. 11
17. 27, 3
18. 1000
19. 5.50
20. 19

THURSDAY



2. 40
3. 250 m
4. 4
5. 54, + 5
6. $\frac{1}{4}$
7. hexagon
8. 1120
9. kilogram
10. \$9
11. 3, 17
12. yes
13. vertical
14. B
15. 30 624
16. 52
17. (a) 9 (b) odd
18. litres
19. 52
20. 3

PROBLEM-SOLVING

Monday

1. 20
 2. 25 g
- Tuesday
1. 4
 2. 100 km/h

Wednesday

1. 9 and 7
 2. 12
- Thursday
1. 10 and 7 or 12 and 5
 2. 8



FRIDAY REVIEW

1. 190
2. 100
3. 28 607
4. $\frac{3}{4}$
5. (a) 70 (b) even
6. $300 + 10 + 8$
7. 50 L
8. 5000, 5005
9. 593
10. \div
11. 1000
12. 180
13. 8, 32
14. 300
15. \$7
16. $35 \div 7 = 5$
17. A
18. pentagon
19. 1 cm
20. 365
21. autumn
22. Teacher check
23. litres
24. 1 kg
25. equally likely to be a head or tail.

WEEK 10 – pages 29–31

MONDAY



1. 7.45
2. 0.7
3. (a) 8 (b) 80

4. 791
5. 
6. $\frac{1}{2}$
7. C
8. 392
9. 9
10. 1100
11. 3, 18
12. 14
13. 
14. 14 min, $\frac{1}{4}$ of an hour, 21 min, $\frac{1}{2}$ an hour, $\frac{3}{4}$ of an hour
15. 140
16. 85
17. (a) 9999 (b) 9990
18. $\$5 \times 9 = \45
19. 8
20. 10 kg

TUESDAY


1. 5.30
2. $4 \times 3 = 12$
3. (a) 70 (b) 700
4. octagon
5. 16
6. kilogram
7. (a) 20 (b) 120
8. 16, 4
9. 32
10. 12
11. 25
12. (a) 70 (b) 700
13. A and D
14. 50c
15. triangle
16. clockwise
17. 31
18. 1100, 1102, 1104
19. 1 cm
20. (a) 9 (b) odd

WEDNESDAY

1. 9.30
2. 87
3. 400
4. 64 980
5. 70
6. 68
7. 
8. 1000
9. You teacher being taller than you.
10. 891
11. (a)  (b) pentagon
12. 130
13. 1
14. 3, 21
15. \$1.50
16. 81
17. $\frac{1}{4}, \frac{3}{4}, 1\frac{1}{4}$
18. 75
19. 60 km/h
20. (a) There (b) 90

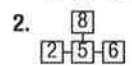
THURSDAY

1. 3.05
2. 156
3. 10 899
4. 185

5. odd
6. 
7. summer
8. 10
9. (a) 70 (b) 170
10. 45
11. 40
12. 7
13. $21 \div 3 = 7$
14. 77
15. trapezium
16. C
17. 52
18. 9099, 9100, 9101
19. 24 cm
20. $4 \times 9 = 36$

PROBLEM-SOLVING

Monday



Tuesday

1. 30 and 20
2. 18



Wednesday

1. 10
2. 50 km/h

Thursday


1. 250 mL
2. 8 and 4

FRIDAY REVIEW

1. 800
2. $\frac{1}{4}$
3. 45
4. 130
5. 8
6. $32 \div 4 = 8$
7. 1300
8. 196
9. 30
10. 1000
11. 4, 4
12. 128
13. 12
14. 1050
15. 88
16. (a) 893 (b) odd
17. 9999, 10 000, 10 001
18. 12.30
19. evening
20. autumn
21. 
22. 10
23. 
24. Teacher check
25. A dog chasing the school gardener.

WEEK 11 – pages 32–34


MONDAY

1. 11.10
2. \$100
3. 15
4. 10; 1000, 100, 10
5. triangular prism
6. 10
7. 



NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

8. 25
9. \$7.50
10. 8, 12
11. \times
12.
13. 365
14. 1000 mL
15. 240
16. May
17. 4, 4
18. (a) 10 999
(b) 10 998
(c) 11 495
19. 160
20. 50


TUESDAY

1. 3.10
2. 9
3. 23 km
4. 4 cm, 40 mm
5. December
6. 30
7. 47
8.  (One of these lines.)
9. \$11.40
10. 36
11. tonnes
12. 12 am
13. 299
14. 100
15. (a) 80 (b) 180
16. 11
17. 22
18. 4
19. \$1
20. $900 + 10 + 6$

WEDNESDAY

1. 8.10
2. 8
3. 300
4. $\frac{8}{100}$
5.  (One of these lines.)
6. 18
7. larger
8. 18
9. 12 pm
10. 
11. 130
12. anticlockwise
13. 30
14. 3
15. vertical
16. 1 m
17. 33
18. \$700
19. (a) 150 (b) 1500
20. \$1.25

THURSDAY



1. 1.10
2. BB
3. 5×5
4.  (One of these lines.)

5. 70 070
6. 12
7. 700
8. 14
9. 1000 m
10. 1
11. $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
12. 1
13. 300
14. 20 km
15. smaller
16. 29
17.
18. 16
19. 4
20. 11

PROBLEM-SOLVING

- Monday
1. 250 mL
 2. 150
- Tuesday
1. 18
 2. 24
- Wednesday
1. 3
 2. 4
- Thursday
1. 21
 2. 79

FRIDAY REVIEW

1. 29
2. 10 995
3. \$1000
4. larger
5. 27
6. 93
7. 320
8. 200
9. 8
10. 1
11. 11
12. 2
13. 500
14. $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
15. 4.45
16.
17. 1000 mL
18. 10
19. August
20. 
21. 30
22. pentagonal prism
23. 
24. $4\frac{1}{2}$
25. 11

WEEK 12 – pages 35–37

MONDAY



1. 5.10
2. 16 cm
3. 9990
4. Answers will vary.
5. C, B
6. Teacher check

7. 1538
8. 6×2
9. a rain gauge
10. 73
11. August
12. 1300
13. Teacher check
14. 1200
15. 14
16. (a) 700 (b) 650
17. 1000 mL
18. \$2.75
19. 7
20. 30

TUESDAY

1. 9.10
2. 24
3. 10
4. Teacher check
5. 5
6. 4
7. horizontally
8. millimetres (mm)
9. 1000 g
10. 11
11. 30
12. (a) 8 (b) 12
13. 100
14. 40 mm
15. Emilie – 1, Lincoln – 2, Jakob – 3
16. 36, 36
17. Teacher check
18. $\frac{1}{3}$ or $\frac{2}{6}$
19. 0.12
20. 100 km

WEDNESDAY


1. 2
2. 10
3. no
4. 54
5. (a)–(c) Teacher check
(d) 5 cm
6. 204
7. 11
8. vertical
9. 1000
10. 
11. 2.30
12. $3 \times 8 = 24$ or $8 \times 3 = 24$,
 $24 \div 3 = 8$ or $24 \div 8 = 3$
13. \$1
14. \$2
15. 
16. 500
17. 108
18. 350 m
19. 1000 m
20. 0.04

THURSDAY

1. 18
2. 31
3. 52
4. 100, 10;
1000, 100, 10
5. 84
6. 10, 10
7. winter
8. 70
9. <
10. 156

11. 7
12. 250
13. no
14. pm
15. (a) 5100 (b) 50 910
16. 4
17. rectangle
18. wind speed
19. Teacher check
20. trapezium

PROBLEM-SOLVING


- Monday
1. 150
 2. 100
- Tuesday
1. C
 2. 
- Wednesday
1. 5
 2. 2
- Thursday
1. 8
 2. 4

FRIDAY REVIEW

1. 0.04
2. 1099
3. 600
4. 51
5. \$10
6. less
7. 20 c, 10 c
8. 9998
9. $3\frac{1}{2}$
10. true
11. 16
12. 117
13. 505
14. 17
15. 5
16. pm
17. 60 mm
18. cone
19. Teacher check
20. $\frac{1}{3}$ or $\frac{2}{6}$
21. vertically
22. 5
23. 1000 m
24. B, C
25. Answers will vary

WEEK 13 – pages 38–40

MONDAY

1. east/right
2. 0.17
3. (a) 4 (b) 40
4. 10
5. 48
6. 134
7. June
8. 
9. spring
10. square pyramid
11. Thursday
12. Saturday and Sunday
13. 672
14. 194


15. 36
16. true
17. 9
18. false
19. true
20. false

TUESDAY

1. 10 000
2. 12
3. A = 70 mL, B = 45 mL,
C = 30 mL
4. 12, 12 000
5. 18 cm
6. square
7. eating broccoli for
breakfast
8. 45
9. eighteen
10. 1000 mL
11. kilometres
12. false
13. true
14. 900
15. 57
16. 12, 12
17. no
18. 2
19. 9
- 20.

	PRIME	COMPOSITE
Odd	3, 5, 7, 11, 13	9, 15, 21
Even	2	4, 6, 8, 10, 12

WEDNESDAY

1. 7.20
2. 1100
3. 60
4. \times
5. 30 mm
6. 8
7. February
8. 43
9. 31
10. 300
11. 7
12. 
13. true
14. prime
15. 5
16. 600
17. 2000
18. C and D
19. A and B
20. < \$1000

THURSDAY

1. 4.20
2. 50
3. 400
4. $\frac{7}{10}$
5. 600
6. 1100
7. 30 cm
8. 23
9. Teacher check drawing,
 $3\frac{1}{2}$ cm or 35 mm
10. \$9.80
11. 6 minutes
12. 78
13. B
14. \$16
15. < 920
16. 196

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

17. (a) 19 999 (b) 20 200
18. 34
19. 400
20. Teacher check

PROBLEM-SOLVING

- Monday
1. 3
2. 8
- Tuesday
1. 6
2. 1

Wednesday

1. $4 \times 7 = 28$
2. $6 \times 12 = 72$

Thursday

1. 40 and 50
2. 12

FRIDAY REVIEW

1. $2 \times C$
2. 21
3. 70
4. 24, 24
5. \$66
6. false
7. 206
8. 39
9. 700
10. 8674
11. 102
12. 800
13. 18 800
14. false
15. < 470
16. 1200
17. prime = 2, 3, 5, 7
 composite = 4, 6, 8, 9
18. 10
19. 33
20. \$14.30
21. A
22. 18 cm
23. 50
24. 500 mL
25. Answers will vary.

WEEK 14 – pages 41–43

MONDAY

1. 2.20
2. 250 cm
3. $4 \times 9 = 36, 9 \times 4 = 36$
 $36 \div 4 = 9, 36 \div 9 = 4$
4. 25
5. A
6. 31
7. 50
8. \$1.50
9. 28, 4
10. B
11. tonne
12. 22 200
13. no
14. false
15. Friday
16. 80
17. $2\frac{1}{2}$
18. 10
19. south-east
20. false

TUESDAY

1. 12
2. 5 hours 15 minutes
3. hexagon
4. \$2
5. 77
6. 207
7. $7 + 9 = 16, 9 + 7 = 16$
 $16 - 7 = 9, 16 - 9 = 7$

8.



9. 48
10. south-west
11. 100
12. B
13. either a head or tail
14. 36, 6
15. irregular pentagon
16. 10
17. 7
18. 11 February
19. (a) 240 (b) 240
20. 1000 g

WEDNESDAY

1. 5
2. $\frac{1}{2}$
3. 33
4. 21
5. Sunday
6. 1303
7. 16
8. (a) F,4 (b) B,7
 (c) E,6 (d) G,1
 (e) G,2 (f) F,4
9. 31
10. 5
11. 40 mm
12. square
13. 7
14. 0.40
15. 100
16. 40
17. 2
18. 24
19. 12
20. D

THURSDAY

1. 8.20
2. 90
3. 11
4. 24, 24
5. 366
6. 0.07
7. 34
8. 3, 7, 11
9. yes
10. 2
11. $5\frac{1}{2}$ m
12. 25 025
13. north-east
14. \$65
15. 7
16. 22
17. 800, 4
18. trapezium
19. \$13.65
20. 395

PROBLEM-SOLVING

Monday

1. \$7.80

2. \$3
 Tuesday
3. 4
4. 40
 Wednesday
5. 5
6. 34
 Thursday

1. Thursday
2. \$2

FRIDAY REVIEW

1. $600 + 10$
2. \$1
3. 27
4. 7
5. 0.09
6. 5
7. 1705
8. 48
9. $\frac{1}{4}$
10. 10, 14, 30
11. 8
12. 295
13. 1
14. yes
15. Monday
16. 1 kg
17. no
18. (a) 3 (b) 2
19. NE
20. 8, 15
21. irregular pentagon
22. 60 mm
23. A
24. C
25. 5

WEEK 15 – pages 44–46

MONDAY

1. highly likely
2. +
3. 9
4. A
5. B
6. \div
7. 6
8. cone
9. 300, 7
10. 12
11. third
12. 61
13. 24 December
14. 65c
15. (a) 66 (b) 660
16. set
17. $\frac{1}{4}$
18. $8 \times 6 = 48$
19. 5×4
20. Teacher check

TUESDAY

1. 10.50
2. 18
3. 20
4. 28 cm
5. $12 - 6 = 6$
6. 8
7. sphere
8. 32×3
9. north-west
10. 5 cm

11. 13
12. 27
13. fifth
14. 35c
15. (a) 3128 and 3144
 (b) 3509
 (c) 3127
 (d) 3129

16. $A = 38, B = 112$
17. 1000 mL
18. 33
19. true
20. $\frac{1}{4}, \frac{3}{4}$

WEDNESDAY

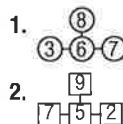
1. 1.50
2. 1000 m
3. 10, 2113
4. 267
5. $4 \times 7 = 28$ or $7 \times 4 = 28$; $28 \div 7 = 4$ or $28 \div 4 = 7$
6. 10
7. 8 cm
8. 56
9. C
10. seventh
11. $\checkmark, \times, \checkmark$
12. 1000 mm
13. anticlockwise
14. 23
15. 200
16. 18
17. $\frac{2}{3}, \frac{1}{3}, \frac{2}{3}$
18. (a) odd (b) 1
19. 

THURSDAY

1. 6.50
2. 4
3. 100, 1324
4. 40
5. 50
6. C
7. $\frac{3}{5}$
8. 3368
9. PR
10. (a) 200 (b) 1200
11. C, 3
12. 9×16
13. A
14. 1000 g
15. 9
16. 15 934
17. \$3.50
18. $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
19. 5
20. 0.6

PROBLEM-SOLVING

Monday



Tuesday

1. 16 minutes
2. 9.08 am
 Wednesday
3. 30

2. 6 and 9
 Thursday
3. 90
4. 25

FRIDAY REVIEW

1. 18
2. 600, 8
3. 13
4. $\frac{2}{3}$
5. 27
6. odd
7. 8
8. 85c
9. 4×2
10. 20
11. 400
12. 356
13. 44
14. 7
15. $\frac{1}{4}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
16. 7
17. $21 \div 3 = 7$
18. 9
19. 5
20. 12 November
21. 1000 mL
22. 7th
23. 400 cm
24. A
25. Answers will vary.

WEEK 16 – pages 47–49

MONDAY

1. 3.50
2. hexagon
3. 1 L
4. 120 000
5. 6
6. tonne
7. 77
8. $A = 145, B = 110,$
 $C = 120$
9. 12
10. 1200
11. 15
12. 31
13. 14
14. 1111
15. 34
16. 200
17. even
18. $\frac{7}{100}$
19. (a) D,2 (b) B,3
 (c) F,9 (d) B,6
20. Teacher check

TUESDAY

1. 9.50
2. hexagon
3. north-west
4. 1400
5. 4431
6. odd
7. $\frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$
8. 60
9. $\$3.50 + \$3.50 +$
 $\$3.50 + \$3.50 = \$14$
10. \div

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS


11. **E**

12. \$4
13. D
14. 16
15. 25 May
16. 46
17. 5
18. 0.08
19. $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$
20. $\frac{1}{3}, \frac{2}{3}$

WEDNESDAY

1. (a) impossible
(b) unlikely
(c) very likely
2. 4
3. (a) 3 (b) 2
4. 30-m tape
5. 4 pm
6. 12
7. (a) 7 (b) 7
8. NE
9. 51
10. 4
11. 35
12. 75c
13. 140
14. 31
15. 3, 2, 5
16. 1994
17. yes
18. yes
19. triangular prism
20. 1 kg

THURSDAY

1. Teacher check
2. octagon
3. (a) 4
(b) 
4. 3 m
5. 3
6. 18 m
7. 170, 1700
8. 1111, 3152
9. B
10. 160
11. $\frac{2}{8}$
12. (a) 1365 (b) 1356
13. 906
14. 14
15. 0.18
16. 30c
17. $\frac{1}{6}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$
18. true
19. Teacher check; blue = 6, red = 3, yellow = 3
20. 6 in 12 or 1 in 2

PROBLEM-SOLVING

- Monday
1. B
 2. 180 m
- Tuesday
1. 10
 2. 40

- Wednesday
1. \$91
 2. Teacher check
- Thursday

1. 2 kg
2. 1 kg

FRIDAY REVIEW

1. Teacher check; red = 4, blue = 2, green = 2
2. 40, 400
3. 160, 1600
4. 24×4
5. 151
6. 200
7. 71
8. 2, 3, 5, 7
9. Teacher check
10. $\frac{1}{5}$
11. 400
12. \div
13. 8731
14. 4
15. 2996
16. 11
17. \div
18. $\frac{1}{10}, \frac{1}{5}, \frac{1}{4}, \frac{1}{2}$
19. $\frac{9}{10}$
20. 8
21. 1.50
22. yes
23. north-west
24. tonnes
25. 2 in 8 or 1 in 4

WEEK 17 – pages 50–52

MONDAY



1. 1.25
2. cone
3. 10 000
4. pentagon
5. 900
6. cylinder
7. 24
8. 8101
9. 68
10. 10, 8
11. 2000 m
12. 2000 mL
13. 500 cm
14. grams
15. 990
16. Teacher check
17. Teacher check
18. 4
19. Teacher check
20. 12 August

TUESDAY


1. 6.55
2. $\frac{1}{4}$ turn
3. 101
4. \$4.50
5. 21
6. 5
7. 900

8. 1 in 6
9. 49
10. 15
11. 88
12. clockwise
13. 19, 24
14. 22 cm
15. false
16. 800
17. 790
18. 12
19. Bella
20. 4

WEDNESDAY

1. 
2. 2100
3. 28, 4
4. 53
5. 700
6. 21 333
7. 15 kg, 20 kg
8. 3, 5, 9
9. $\frac{3}{100}$
10. 155
11. no
12. 70
13. (a) $\frac{1}{4}$
(b) Teacher check colouring, $\frac{2}{8}$
14. 0.05
15. 
16. 2
17. 150
18. 200
19. 36
20. $4 \times 9 = 36$ or $9 \times 4 = 36$

THURSDAY

1. 80
2. 130
3. $6 + 6 + 6 + 6 = 24$
4. 30
5. Teacher check
6. 177
7. 66
8. 35
9. 3
10. \$8.25
11. $\frac{3}{6}$ or $\frac{1}{2}$
12. 
13. Answers will vary.
14. Teacher check
15. February
16. 2 kg
17. 9
18. 14
19. \$10 000
20. friend

PROBLEM-SOLVING

- Monday
1. 20 m
 2. 50 m


- Tuesday
1. 16, 32
 2. 6
- Wednesday
1. C
 2. 10.30 am
- Thursday
1. 7
 2. 2

FRIDAY REVIEW


1. 207
2. 74
3. true
4. 42
5. 32
6. 24
7. 120
8. 100, 10
9. 24
10. 100
11. 7
12. 27, 6
13. Teacher check, 7.25
14. 25 kg, 20 kg
15. Tuesday
16. 300 cm
17. A
18. Teacher check
19. no
20. 2000 m
21. 52
22. Teacher check
23. 5
24. 1 September
25. 28

WEEK 18 – pages 53–54

MONDAY

1. 3.25
2. 95, 950
3. 90
4. 120
5. 19
6. 82
7. 16
8. 8000 mL
9. September
10. 55
11. $\frac{1}{2}$
12. 
13. 0.23
14. 8
15. \times
16. 10 010
17. Teacher check
18. Mila
19. Alex
20. Kobi

TUESDAY

1. 9.25
2. 13
3. 
4. A and D
5. 150, 1500
6. 31
7. \$9
8. \div
9. kilograms
10. hexagon

11. 50c
12. clockwise
13. 16
14. thombus
15. \$1.60
16. 8980
17. 600
18. 30 cm
19. 4
20. $12 \div 3 = 4$

WEDNESDAY

1. 3
2. 6
3. 21
4. $\frac{9}{100}$
5. 3
6. 12 or 14
7. 366
8. 23
9. 500 mm
10. 10 100
11. 36
12. 35
13. Answers will vary.
14. 9
15. 24
16. 3
17. sunrise
18. B and C
19. no
20. \$7.20

THURSDAY

1. 2
2. 17
3. parallelogram
4. (a) 6 (b) 600
5. $\frac{2}{3}, \frac{6}{9}$, Teacher check colouring
6. north-east
7. $7\frac{1}{2}$ minutes
8. trapezium
9. 800
10. column
11. 10
12. 1000
13. A
14. no
15. \$3
16. \$15
17. 14
- 18.–20. Teacher check

PROBLEM-SOLVING

- Monday
1. \$3
 2. 4
- Tuesday
1. 70 and 80
 2. 4 and 3
- Wednesday
1. 8
 2. 1
- Thursday
1. 35 km
 2. 200 km

FRIDAY REVIEW


1. 10
2. 0.25
3. \div
4. 800
5. 5850
6. 800

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS


7. 50c
8. 18
9. 18
10. 40 040
11. \$7
12. 49
13. $\frac{1}{4}$
14. 168
15. \$7
16. \$15 short
17. 6
18. $42 \div 7 = 6$
19. 12
20. (a) A (b) B
21. 100 cm
22. 32 cm
23. yes
24. irregular hexagon
25. column

WEEK 19 – pages 56–58

MONDAY



1. 7.35
2. (a) odd (b) 33
3. 30
4. false
5. 240
6. $A + B = C$
7. 11
8. 
9. 400
10. Teacher check
11. 60
12. 200
13. 9
14. Teacher check
15. 6 cm
16. 50 cm
17. Saturday and Sunday
18. 24 cm
19. 100 cm
20. 4

TUESDAY

1. 10.35
2. 140
3. yes
4. 3
5. 5, 5
6. $Z + X = Y$
7. 7
8. 29
9. 5
10. 1-L bucket
11. 12 am
12. 
13. 10
14. 840
15. C and D
16. $(3 \times 10) + (3 \times 4) = 30 + 12 = 42$
17. 60
18. 500 g
19. 70
20. (a) 56 (b) 112

WEDNESDAY

1. 7.35
2. 140
3. 18

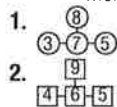
4. 100 secs
5. 1000 cm
6. 
7. 90
8. 80
9. Teacher check
10. 11
11. 500 m
12. \$3.50
13. 
14. 21
15. 39
16. 40
17. south-east
18. 1000 m
19. 200
20. C

THURSDAY

1. 9
2. 60
3. 8
4. 10
5. 12
6. 24
7. 6
8. 10
9. 48
10. 10 000, 1000, 100, 10
11. (a) 72 (b) 144
12. 5
13. 5, 8
14. 6
15. 9
16. 3
17. 12
18. \$1690
19. Surf cruiser and Wave messer
20. \$750

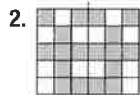
PROBLEM-SOLVING

Monday



Tuesday

1. 1000 mL or 1 L



Wednesday

1. 200


2. 25 kg

Thursday

1. 5
2. 23


FRIDAY REVIEW

1. Teacher check
2. 8
3. 54
4. 500
5. 43
6. 2000 m
7. 10, 3
8. 70

9. 14
10. \$2.50
11. 11.70
12. (a) 81 (b) 162
13. 8
14. 9.35
15. 50 cm
16. 365
17. 500 g
18. 5 cm
19. 
20. SE
21. C
22. Teacher check
23. 500 m
24. $5\frac{1}{2}$ hrs
25. less than \$500

WEEK 20 – pages 40–41

MONDAY

1. $\frac{4}{8}$
2. 30
3. 0.1
4. 
5. 16
6. 65
7. 800
8. 2
9. 993
10. 22
11. a quadrilateral
12. mL
13. 500 mL
14. 5 mm
15. 36
16. $20 + 14 = 34$
17. 4
18. (a) 72 (b) 8
19. Teacher check colouring, 5
20. 5 in 10 or 1 in 2

TUESDAY

1. (a) 2 (b) 0.5
2. 12
3. 24
4. 45c
5. 31
6. (a) E, 2 (b) A, 3
(c) F, 4 (d) D, 3
(f) D, 2
7. north
8. 96
9. 3
10. 48
11. 90 090
12. 24 March
13. 1000
14. 5000, 10
15. 700
16. 80
17. no
18. (a) 60 (b) 600
19. Teacher check colouring, 5
20. Teacher check colouring, $\frac{10}{2} = 10 \div 2 = 5$


WEDNESDAY

1. $2, \frac{1}{3} = \frac{2}{6}$
2. kg



3. 
4. 400
5. 111 011
6. $10, \frac{10}{100}$
7. 60
8. 45
9. 5
10. 36
11. 18
12. 6^{th}
13. 500 m
14. \$35
15. 600
16. parallelogram
17. 180
18. Teacher check
19. 0.45
20. 8, 16, 24, 32, 40, 48

THURSDAY

1. 12.35
2. 100 000, 6000, 300, 70
3. measuring between two or more points
4. 
5. 43
6. 20, 40, 60, 80, 100
7. 60
8. 26
9. \$14
10. Teacher check
11. 1000
12. $\frac{2}{10} = \frac{1}{5}$
13. 9
14. (a) 92 (b) even
15. $2, \frac{3}{6} = \frac{2}{4}$
16. 24
17. 900
18. litre
19. $(2 \times 10) + (2 \times 8), 36$
20. 3000 or 300 or 30 or 3

PROBLEM-SOLVING

Monday

1. \$24
2. 8 minutes 4 seconds

Tuesday

1. 225
2. 961

Wednesday


1. 5 and 8
2. 21

Thursday

1. 2.35
2. 

FRIDAY REVIEW

1. 88, even
2. 7
3. 400
4. 9499
5. (a) 10 (b) $\frac{10}{100}$ or $\frac{1}{10}$
6. 38
7. Teacher check
8. 1014
9. 8, 16, 24, 32, 40, 48
10. 36
11. $(2 \times 10) + (2 \times 9), 38$
12. 42, 6
13. 111 111
14. Teacher check, red = 3


15. Teacher check, blue = 6
16. $\frac{3}{12}$ or $\frac{1}{4}$
17. 500 mL
18. (a) 3 (b) 2
19. 30 April
20. mL
21. south
22. 
23. 8 L
24. parallelogram
25. 3 in 12 or 1 in 4

WEEK 21 – pages 62–64

MONDAY

1. 5.35
2. 16
3. 0.82
4. 86
5. true
6. true
7. Teacher check
8. even
9. 11 009
10. 50 cm
11. 1000 kg
12. no
13. A and C
14. 3 in 4
15. 356
16. $99 \div 9 = 11$
17. 21
18. 9.40
19. $\frac{2}{4} = \frac{1}{2}$
20. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{10}$

TUESDAY

1. 7.55
2. (a) 250 (b) 350
3. (a) 8 (b) 80
4. 7
5. 73
6. 1567
7. 8
8. $\frac{5}{10}$ or 0.5
9. 10 010
10. false
11. 15 mm
12. 4 cm
13. 11 008
14. odd
15. cylinder
16. Teacher check, 3 hats should be coloured.
17. A = odd, B = even
18. 12
19. 
20. 1 hour


WEDNESDAY

1. (a) Green or Red Ave
(b) Blue Blvd or Aqua Ave
2. 2053
3. $100 \div 10 = 10$
4. 20 010
5. 32
6. 95 kg
7. 8
8. 11 106
9. \$3.80
10. 24
11. $\frac{1}{2}, \frac{3}{4}$
12. 10 500, 9000

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

13. an irregular
 14. $\frac{9}{100}$, 100
 15. 8.45
 16. 20 m
 17. 500
 18. 31
 19. yes
 20. 1 out of 6

THURSDAY

1. 1
 2. (a) 9 (b) 90
 3. B
 4. 50
 5. $(2 \times 10) + (2 \times 9) = 20 + 18 = 38$
 6. $\frac{2}{6}$
 7. $\frac{2}{4} = \frac{1}{2}$
 8. 995
 9. 31 r 1
 10. (a) an irregular (b) pentagon
 11. 900
 12. 1710
 13. 
 14. 21
 15. 5000 g
 16. $\frac{7}{100}$ or 0.07
 17. 450 cm
 18. 20
 19. 250
 20. $\frac{1}{8}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$

PROBLEM-SOLVING

Monday

1. 5
 2. 9

Tuesday

1. 30
 2. 150


Wednesday

1. Teacher check
 2. \$6000

Thursday

1. Teacher check
 2. 6

FRIDAY REVIEW

1. 350
 2. $\frac{1}{6}, \frac{1}{5}, \frac{1}{3}, \frac{1}{2}$
 3. $\frac{8}{10}$
 4. 12 007
 5. 81, 81
 6. 3500, 1000
 7. 2800
 8. 86
 9. 7
 10. 100
 11. 32 r 1
 12. \$2
 13. 1000 kg
 14. 6
 15. 26 cm
 16. 
 17. Teacher check
 18. 3
 19. yes
 20. 12
 21. What Ave
 22. Where Rd
 23. 3, 2, 1
 24. blue



25. yellow

WEEK 22 – pages 65–67



MONDAY

1. (a) B (b) semicircle
 2. 3, 6
 3. (a) 5 (b) odd
 4. (a) 300 (b) even
 5. 15
 6. 12 r 1
 7. $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
 8. (a) 12 (b) 8
 9. 30
 10. (a) E, 2 (b) E, 1 (c) A, 4 (d) C, 6 (e) E, 3
 11. 4.5 L, 4500 mL
 12. \$2
 13. Teacher check
 14. true
 15. improper fraction
 16. 500 m
 17. false
 18. 21
 19. 10
 20. 14

TUESDAY

1. 8.55
 2. 112
 3. \$10
 4. 3
 5. 7.35
 6. 150
 7. 3000
 8. 
 9. \$3.50
 10. 207, 204
 11. 
 12. \$50, \$5
 13. 1 in 6
 14. 170
 15. 365
 16. 400
 17. 970
 18. 6.5 m or 650 cm
 19. 6
 20. true

WEDNESDAY

1. A
 2. $6\frac{1}{2}$ kg
 3. 52
 4. yes
 5. 13 r 1, $13\frac{1}{5}$
 6. 
 7. 4
 8. 1
 9. 
 10. 3, 7
 11. 110
 12. 600
 13. $4 \times 9 = 36$ or $9 \times 4 = 36$

$36 \div 4 = 9$
 or $36 \div 9 = 4$

14. certain
 15. 88
 16. 1006
 17. true
 18. \$10
 19. $4\frac{1}{2}$
 20. 6

THURSDAY

1. 4.55
 2. odd
 3. 7500 mL
 4. 14
 5. Dec -1, Sep -2, May -3, Feb -4
 6. 10
 7. true
 8. Teacher check
 9. no
 10. $8\frac{1}{2}$
 11. 27
 12. 32
 13. -
 14. 2, 4, 6
 15. \$4
 16. 11
 17. 1110
 18. $8800 + 85$
 19. 68
 20. 2 in 6 or 1 in 3

PROBLEM-SOLVING

Monday

1. 55
 2. 15

Tuesday

1. 1 cup and $\frac{1}{2}$ cup
 2. $\frac{1}{2}$ cup and $\frac{1}{4}$ cup
 Wednesday




1. Liam
 2. 0.4
 Thursday

1. 3 and 6
 2. 6 and 4

FRIDAY REVIEW

1. 3, 9
 2. 1007
 3. 12 r 1
 4. 8
 5. 9
 6. 240
 7. \$5
 8. $600 + 30 + 7$
 9. Teacher check colouring, $A = \frac{4}{8}, B = \frac{2}{4}$
 10. 82
 11. 360
 12. $3051 + 220 = 3271$
 13. 40
 14. 1
 15. 35
 16. 9, 6
 17. no
 18. 2.5 L, 2500 mL
 19. 28 L
 20. (a) D, 4 (b) E, 3

- (c) D, 2 (d) H, 1



21. 
 22. 
 23. 4
 24. 
 25. Answers will vary.

WEEK 23 – pages 68–70

MONDAY


1. 2.40
 2. 890
 3. 7
 4. $\frac{2}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}$
 5. A
 6. 9000
 7. 50
 8. $0.7 = \frac{7}{10}$
 9. 25 mm
 10. 2, 5
 11. 9500 mL
 12. 10 000, 400
 13. 40
 14. 41
 15. 16
 16. an equilateral
 17. true
 18. 17 km
 19. 2 km
 20. Eagle Farm

TUESDAY




1. \$200, \$120, \$320
 2. no
 3. 2, 4
 4. 7.55
 5. 4
 6. 490
 7. (a) 6 (b) even
 8. 
 9. 320
 10. 1300
 11. 121
 12. 36
 13. 1990, 2090, 2490
 14. 550 cm
 15. thirds
 16. \$170
 17. 
 18. 370
 19. 9
 20. Teacher check dots, 6

WEDNESDAY

1. 4
 2. 7
 3. 90
 4. 1.5 cm or $1\frac{1}{2}$ cm
 5. 206
 6. 5
 7. 60
 8. tenth
 9. $\$3.50 + \$3.50 + \$3.50 = \10.50
 10. 1009
 11. 25 kg
 12. 88
 13. $0.8 = \frac{8}{10}$

14. 
 15. Teacher check
 16. 907
 17. 21
 18. 9, 12, 6
 19. 2, 4, 12, 10, 6
 20. 4, 12

THURSDAY

1. 7, 6.40
 2. 45 mm
 3. 
 4. 300
 5. 1944, 2054
 6. 60
 7. 4
 8. 366
 9. a scalene
 10. 271
 11. 50 g and 100 g
 12. 480
 13. (a) 0.3 (b) 0.03
 14. 
 15. 7
 16. \$16.80
 17. February
 18. x
 19. 
 20. 8

PROBLEM-SOLVING

Monday

1. Teacher check
 2. \$120 000
 Tuesday

1. Week 4
 2. \$3

Wednesday


1. Week 3
 2. \$0.25 or 25c
 Thursday

1. 32
 2. $6 \times 3 = 18$

FRIDAY REVIEW

1. 2, 4, 8
 2. 4
 3. 56
 4. 1509
 5. quarters
 6. 15
 7. (a) 12 (b) 12 000
 8. (a) 55 (b) 550
 9. 8
 10. 0.4
 11. 183
 12. true
 13. 60
 14. 24
 15. \$10.30
 16. 11, 13, 15, 17
 17. 8
 18. an isosceles
 19. 2500 g
 20. yes
 21. 14 kg
 22. 52

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS



23. 15 mm
24. 
25. 2 in 8

WEEK 24 – pages 48–49

MONDAY

1. 8.40
2. 150 cm
3. 22
4. $0.2 = \frac{2}{10}$
5. (a) 110 (b) 11 000
6. $\$200 + \$80 + \$40 + \$20 = \$340$
7. (a) 250 (b) 2500
8. (a) 1 (b) odd
9. 60
10. false
11. 4, 10
12. (a) 80 (b) even
13. column
14. 29 February
15. 9
16. 1111, 3162
17. 270
18. 2700
19. 12
20. 9

TUESDAY


1. 1.40
2. 88
3. midnight
4. (a) 27 (b) odd
5. \$1.70
6. 
7. 
8. (a) 6 (b) 2
9. 196
10. unlikely to impossible
11. 17
12. 550, 450
13. false
14. 6
15. $0.9 = \frac{9}{10}$
16. 7.00
17. 0.3
18. $(3 \times 20) + (3 \times 3) = 60 + 9 = 69$
19. $\frac{8}{10}$ or 0.8
20. 180°

WEDNESDAY

1. 85
2. 2200
3. 33, 11
4. 0.5
5. 10
6. 280
7. 4.5 L
8. 7
9. false
10. 16
11. $2\frac{1}{3}, 3$
12. 3
13. 300
14. 6500 m
15. 23
16. 15

17. Teacher check dots, 10
18. nil
19. 3
20. BBQ

THURSDAY

1. 100, 175
2. (a) 5 (b) 2
3. 
4. (a) 7 (b) 700
5. even
6. 500 kg
7. no
8. 31
9. 2
10. 300
11. 0.04
12. 70
13. 700
14. 30
15. 35
16. 2500 g
17. 13 February
18. 63, 7
19. 9099
20. B

PROBLEM-SOLVING

- Monday
1. 140
 2. 1039
- Tuesday
1. \$4.50
 2. 9
- Wednesday
1. 3
 2. 6
- Thursday
1. 8 and 4
 2. 1

FRIDAY REVIEW

1. 0.4
2. 1.0
3. 60
4. 4, 8
5. 11
6. 70
7. even
8. 19
9. 16 991
10. false
11. $2\frac{2}{3}, 3\frac{1}{3}, 3\frac{2}{3}$
12. $0.6 = \frac{6}{10}$
13. 10
14. false
15. 24
16. 350 cm
17. 8
18. $4\frac{1}{2}$
19. rhombus
20. 29 February
21. 8.00
22. 30
23. hexagonal prism
24. 14
25. 24


WEEK 25 – pages 74–76

MONDAY

1. $\frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$
2. 8 r 4
3. an anticlockwise

4. 1.0
5. (a) 104 (b) even
6. 2200
7. 0.1
8. no
9. 250
10. (a) 15 (b) 15 000
11. 360
12. 8
13. 7 October
14. Teacher check
15. 5500 kg
16. 5
17. $\frac{5}{10}$ or $\frac{1}{2}$
18. true
19. 2, 4
20. 1.4

TUESDAY

1. eleven
2. 3
3. (a) 17 (b) odd
4. 12
5. 60
6. 2.0
7. $50 + 30 + 2 + 2 = 84$
8. 15
9. 4444
10. 

11. (a) 101 (b) odd
12. 24 cm
13. 1
14. true
15. C
16. 1.8
17. 6
18. 5
19. Teacher check
20. 5

WEDNESDAY

1. autumn
2. (a) 7 (b) 7000
3. (a) 1278 (b) 1978
4. 4, 5, 8
5. 200
6. (a) $56 \div 8 = 7$
(b) $7 \times 8 = 56$
7. 29 February
8. 8
9. $0.1 = \frac{1}{10}$
10. 7
11. 410
12. 24
13. 30
14. 2.3
15. 1.0
16. 19
17. 3
18. 20 m²
19. 16 m²
20. 36 m²

THURSDAY



1. Teacher check, 4 sweets should be circled
2. \$5.50
3. 12 pm
4. 360°
5. \$1.30
6. 986
7. 23
8. \$7

9. 0
10. pm
11. 2, 3
12. hexagon
13. 80
14. 4 L 750 mL
15. 0.4
16. 58
17. false
18. 1.0
19. 70
20. 908

PROBLEM-SOLVING


- Monday
1. 300 km
 2. 900 km
- Tuesday
1. 7 m²
 2. 8 m²
- Wednesday
1. C, A, B
 2. 2.20 sec.
- Thursday
1. \$20
 2. 79

FRIDAY REVIEW

1. (a) 1543 (b) 995
2. 5
3. 4
4. 90
5. 32
6. 4, 10, 0.4
7. 19
8. 300
9. 10
10. 1.8
11. 890
12. \$5
13. 10
14. 75
15. 550 cm
16. 
17. 14 January
18. 24 cm
19. 3500 kg
20. 
21. III III
22. 16
23. boys
24. girls
25. 28


WEEK 26 – pages 77–79

MONDAY


1. 3
2. 0.7
3. 46
4. 18
5. 366
6. 800
7. 30
8. 3, 11
9. 84
10. 540
11. 32 cm
12. 50
13. 
14. 42, 6

15. $\frac{3}{4}, 1\frac{1}{4}$
16. $90 + 10$
17. true
18. hexagonal pyramid
19. 7
20. hexagon


TUESDAY

1. 5.40
2. 4.5
3. 3.2
4. 90
5. 9.00
6. $8\frac{1}{2}$
7. 52
8. 0.3
9. 7th
10. 1.0
11. 20
12. 
13. $\frac{1}{2} = 0.5$
14. 5
15. south-east
16. 60
17. 5.2
18. (a) 32 (b) even
19. $\frac{1}{2}$ minute
20. B

WEDNESDAY

1. 6.40
2. yes
3. octagonal pyramid
4. (a) 1347 (b) 2029
5. $0.8 = \frac{8}{10}$
6. 
7. 1.0
8. 10 or 5
9. 4
10. 8
11. 18.3
12. 900
13. \$90.50
14. III III III III
15. 15 cm
16. 1000 m
17. 50
18. 80
19. 8
20. 9

THURSDAY

1. 9.40
2. 16
3. $\frac{1}{2}$
4. 7, 11
5. 31
6. 19 909, 20 909, 21 909
7. 36
8. Friday
9. $8 \times 7 = 56$ or $7 \times 8 = 56$
10. 0.6
11. no
12. A
13. 2000 mm
14. 7
15. false
16. south-west
17. 10th
18. 

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

19. 200
20. 10

PROBLEM-SOLVING

Monday

1. \$6
2. \$1.90

Tuesday

1. 3 in 4
2. 12 hours

Wednesday

1. 12 hours 35 minutes
2. 5 hours 30 minutes

Thursday

1. B
2. B

FRIDAY REVIEW

1. 60
2. (a) 2577 (b) 3031
3. 1.0
4. 0.5
5. 24
6. 3, 9
7. 4.8
8. 1700
9. $\frac{1}{3}$
10. \$1
11. 10
12. $8 \times 4 = 32$
13. 100
14. 6
15. 2
16. 3000 mm
17. 30
18. Monday
- 19.
20. south-east
21. 6th
22. 6 cm
23. hexagon
24. 5.00
- 25.

WEEK 27 – pages 80–82

MONDAY

- 1.
2. 25
3. 4
4. 8
5. 1
6. (a) 63 (b) 6.3
7. 100
8. \$5.20
9. 0.7
10. 2, 7
11. spring
12. false
13. 1000
- 14.
15. 4, 48
16. 600
17. \$42
18. 8
19. +
20. A

TUESDAY

1. 0
2. north-east

3. 10 008
4. (a) 947 (b) 1061
5. 13
6. 16
7. $36 = 6 \times 6$
8. 1.0
9. 1000, 2000
10. 2000
11. triangle
12. 600
13. 35 mm
14. parallelogram
15. $0.3 = \frac{3}{10}$
16. 10
17. 800
18. \times
19. 30 minutes
20. 22

WEDNESDAY

- 1.
2. \$1
3. 0.89
4. no
5. 250
- 6.
7. $100\,000 + 10\,000 + 1000 + 300 + 30 + 3$
8. Teacher check
9. obtuse
10. 75
11. 65
12. 9907
13. 4.5
14. 4.4
15. rectangular prism
16. 50 050
17. 700
18. 30
19. \div
20. 1500

THURSDAY

1. 11.50
- 2.
3. true
4. 2.3
5. \$360
- 6.
- 7.
8. 10
9. 50
10. rectangle
11. 3 April
12. 100
13. 40
14. 4
15. 30 033
- 16.
17. 43 km
18. 24
19. 28
20. 1.0

PROBLEM-SOLVING

Monday

1. 3 in 4
2. 3 in 4

Tuesday

1. C
2. B

Wednesday

1. 8
2. 8

Thursday

1. A
2. B

FRIDAY REVIEW

1. 1006
2. 1.0
3. $24 = 4$
4. \$4.80
5. $100 + 24 = 124$
6. 160
7. 50
8. 10
9. 3, 7
10. 21
11. 11
12. 1500
13. 1.0
14. 9909
15. \times
16. 800
17. 1800
18. 2
19. yes
20. 9500 m
21. north-west
22. circle
- 23.
24. cylinder
25. 1 in 4

WEEK 28 – pages 83–85

MONDAY

1. 12.35
2. $3000\text{ mL} + 500\text{ mL} = 3500\text{ mL}$
3. 0.2
4. 50
5. 35 mm
6. (a) 44 (b) even
7. 8, 16, 24, 32, 40, 48
8. 190
9. 36
10. \$1.50
11. 14
12. 2, 3
13. 12 087
14. 8.1
15. Teacher check
16. 90
17. 19.9
18. 202, 2242
19. 5
20. 3.1

TUESDAY

1. $\frac{1}{8}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
2. 21
3. Friday
4. 10
5. 60
6. 2500 m
7. 40

8. yes
9. (a) 6 (b) 600
10. \$50.05
11. 40
12. 40
13. 26
14. 41
15. 0.3
16. a regular pentagon
17. 11
18. 49
19. (a) 6 cm (b) 32 cm
20. \$1

WEDNESDAY

1. 1.7
2. 50
3. $\frac{9}{8}$
4. 76
5. 3
6. 24
7. (a) B,3 (b) H,1 (c) E,7
8. 40 cm
9. 27
10. false
11. Teacher check; 12 L
12. 71
13. \div
14. 5
15. 510
16. (a) 6 (b) 4
- 17.
18. (a) triangular prism (b) Teacher check
- 19.
20. \$6.70

THURSDAY

1. 4
2. 100
3. 3500 kg
4. parallel
5. true
6. 90°
7. 8, 24
8. 1170
9. July
10. AA
11. 360
12. 900
13. 4
14. $600 + 7 + 90$
15. 3 r 1
16. \times, \div
17. 0.4
18. 701
19. 3
20. more

PROBLEM-SOLVING

Monday

1. 80
2.

blue	red	green
slowest	fastest	

Tuesday

1.

red	blue	green
lightest	heaviest	
- 2.

Wednesday

1. rectangle
2. rectangle, triangle

Thursday

1. 200 cm
2. 60 cm

FRIDAY REVIEW

1. 0.8
2. 5, 500
3. 2022
4. $7 + 800 + 30$
5. 0.9
6. $\frac{4}{6}$
7. 53
8. 650
9. 3.9
10. 27
11. 1111, 2361
12. 900
13. 600
14. 74
15. 5
16. false
17. octagon
18. 4
19. A
20. August
21. parallelogram
22. $X = 3\text{ cm}$
23. $P = 28\text{ cm}$
24. 4
25. more

WEEK 29 – pages 86–88



MONDAY

1. Teacher check
2. 16
3. $\frac{1}{4}$
4. (a) right (b) east
5. Wednesday
6. 4.0
7. (a) 28 (b) even
8. (a) 36 (b) even
9. 4
10. \$18.80
11. 3 m
12. 1
13. 6.0
14. (a) 1 cm (b) 18 cm
15. 130, 13 000
16. 5
17. 7
18. 28
19. 2800
20. Teacher check; 4 red, 8 blue

TUESDAY

1. 28, 4
2. B
3. 25
4. 72
5. 1111, 1402
6. 2100
7. 31
8. Wednesday
9. 40


NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

10. \$4.50
 11. 13.5
 12. 
 13. 80
 14. (a) 50 (b) 500 (c) 200
 15. 12
 16. 
 17. even
 18. \times
 19. (a) 1279 (b) 986
 20. 30


WEDNESDAY


1. Teacher check
2. \$7
3. true
4. 130
5. 5.8
6. 5
7. -
8. 10
9. triangle and rectangle
10. 18 months
11. 15 000
12. 4
13. $3\frac{1}{2}$
14. 354
15. $70 + 42 = 112$
16. 1 June
17. 107, 117
18. 30 km
19. 8×2
20. $\frac{3}{4}$

THURSDAY

1. 10
2. 2.0
3. 3D
4. Teacher check
5. 500
6. 120
7. 0.71
8. 234
9. 3 cm, 30 mm
10. 6
11. 81 001
12. 6 km
13. \$20, \$50, \$5
14. 
15. 2100
16. rhombus
17. 20
18. 4 m
19. $\frac{1}{4}$
20. $\frac{3}{4}$

PROBLEM-SOLVING

- Monday
1. \$2.90
 2. $1200 \text{ m} = 1 \text{ km } 200 \text{ m} = 1.2 \text{ km}$
- Tuesday
1. 500
 2. 4
- Wednesday
1. 




2. 
 Thursday
 1. Teacher check
 2. Teacher check

FRIDAY REVIEW

1. \times
2. 37 007
3. (a) 713 (b) 911
4. 93 003
5. 8.0
6. odd
7. 40
8. true
9. 174
10. (a) 5 (b) 25
11. 77
12. 210
13. 0.5 m
14. 1.05
15. 4
16. 5 cm
17. October
18. 3
19. 35 km
20. 3D
21. 7
22. NE
23. $\frac{1}{4}$
24. 200 cm
25. more

WEEK 30 – pages 89–91

MONDAY


1. 1, $1\frac{2}{4}$, 2
2. $40 + 10$
3. 8, 1, 3, 0
4. 28, 4
5. 499
6. 12
7. 406
8. 29 February
9. $3 \div 100 = 0.3$
10. 800
11. 6 cm
12. 27
13. 23
14. 
15. 
16. 5
17. 1.2
18. false
19. 29.8
20. 

TUESDAY




1. 19
2. 365
3. A
4. 10 years
5. $\frac{8}{100} = 0.08$
6. 240
7. 3D
8. 40
9. 14
10. 3, 5

11. (a) 12 (b) 60
 (c) 120 (d) 200
 12. 7.0
 13. 0.6
 14. 680
 15. 3×5
 16. 10
 17. 34
 18. $\frac{1}{2}$
 19. Teacher check
 20. 1.0

WEDNESDAY


1. 7.35
2. $\frac{2}{100} = 0.02$
3. 7
4. 2600
5. twelve
6. 360
7. 7.0
8. have a likely chance
9. 11.10
10. (a) 2585 (b) 1956
11. 106
12. 32
13. 67.5
14. 12
15. Teacher check
 colouring; $\frac{1}{4}$, $\frac{2}{6}$, $\frac{3}{6}$, $\frac{3}{6}$
16. 7.5
17. 
18. \times , \div , 6
19. 1400
20. Pour B twice and A once into C.

THURSDAY



1. 23
2. 25
3. 20
4. Teacher check
5. 4500 kg
6. 
7. 375
8. (a) 8 cm^2 (b) 1 cm^2
9. 
10. 174 km
11. 2.3
12. \$2
13. 6
14. 3
15. odd
16. $12 \div 100 = 0.12$
17. 
18. 1.0
19. \$1.55
20. 2337

PROBLEM-SOLVING

- Monday
1. 16, 20
 2. 24
- Tuesday
1. 12, 12
 2. 125
- Wednesday
1. $\frac{1}{6}$
 2. $\frac{1}{2}$

- Thursday
1. 
 2. 1.5 litres or $1\frac{1}{2}$ litres






FRIDAY REVIEW

1. 10
2. 400
3. 
4. even
5. 38
6. 11.7
7. 500
8. (a) \$15 (b) \$30 (c) \$30
9. 2700
10. 55c
11. 175
12. $7 \div 100 = 0.07$
13. 41 400
14. 49.2
15. 175 mL
16. A
17. afternoon
18. 12
19. 36
20. 8.50
21. rectangle
22. Teacher check;
 answers include
 September, October,
 November
23. Pour A twice into C,
 then pour C into an
 empty B.
24. 
25. impossible

WEEK 31 – pages 92–94

MONDAY

1. Tuesday
2. odd
3. 0.9
4. (a) 1 gram (b) 10
5. 8
6. 29
7. 7
8. 84 310
9. 1000
10. (a) 100 (b) 1000
11. 30
12. $\frac{2}{3}$
13. 30
14. true
15. 2 km
16. 100
17.

FAVOURITE SEASONINGS ON POTATO CHIPS – ROOM 12		
	TALLY	TOTAL
sea salt		14
chives		3
salt/pepper		7
chilli		4
paprika		2

18. 5005



19. 
20. 6

TUESDAY

1. 4.35
2. 15
3. 150 mL

4. 20
5. 39
6. square and triangle
7. (a) 205 (b) 369 (c) 287
8. 0.5
9. 52
10. 3.6
11. 140 cm
12. $400 + 600 = 1000$
13. $\frac{2}{4}$
14. Teacher check,
 3 strawberries
15. $\times 5$
16. $\frac{1}{10}$
17. $C = A + B$
18. 9
19. $\frac{10}{10}$
20. B

WEDNESDAY

1. Sunday
2. 500
3. 32
4. $\times 3$
5. 1000 g
6. 100 kg
7. 17
8. 110
9. 10
10. (a) 15 (b) odd
11. $\frac{24}{100}$
12. Teacher check
13. (a) 88 (b) 176
14. 34
15. 1 in 6
16. 6
17. pentagonal pyramid
18. 
19. 
20. Teacher check,
 108 blue, 105 yellow,
 107 green

THURSDAY

1. 55 km
2. $25 + 17 = 42$
3. \$2.80
4. 12 pm
5. 260 cm
6. 150
7. 5
8. C
9. \$12
10. true
11. 30 km
12. 2500
13. $\times 4$
14. 1100
15. C
16. (a) 1483 (b) 1348
17. 36
18. 800
19. 6.30 or half past 6
20. $18 \div 100 = 0.18$

PROBLEM-SOLVING

- Monday
1. A and D, B and E,
 C and F

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

2. Teacher check
Tuesday

1. guitar
2. 15
Wednesday

1. 6
2. 4
Thursday



1. 1600
2. 12 and 9

FRIDAY REVIEW

1. 0.8
2. (a) 6 (b) 6000
3. $4000 + 200 + 10 + 7$
4. 700
5. (a) 400 (b) 4000
6. 240
7. 500
8. 77
9. \$12.50
10. 49
11. 1950
12. $\frac{3}{4}$
13. 100
14. 12 357
15. Tuesday
16. 52 weeks
17. 150 mL
18. pentagonal prism
19. 6
20. 180 cm
21. $C = 30$ kg
22. irregular pentagon
23. 26 cm
24. 4 cm
25. 3 in 4

WEEK 32 – pages 95–97

MONDAY

1. 4.40 or 20 to 5
2. 27
3. \$13.65
4. 71
5. $\times 5$ (Answer not listed)
6. 2800 m
7. 
8. 100
9. 7
10. 6.15 pm
11. sphere
12. 25 May
13. 
14. $\frac{8}{10} = 0.8$
15. (a) \$1.60 (b) \$2.40
(c) \$4 (d) \$10
16. an irregular
17. 108
18. even
19. 6
20. 5

TUESDAY

1. 12
2. 60
3. 1100
4. Teacher check,
4 sharks

5. 3200 m
6. \$2.90
7. \$4
8. $A <, B =, C >$
9. (a) 4 (b) 8
(c) 16 (d) 32

10. 42
11. 10 mm
12. 0.2
13. 400 m

14. 1.0
15. 5.5
16. odd
17. (a) odd (b) even
18. 40 km
19. (a) 3 (b) 300
20. kite

WEDNESDAY

1. 12.40
2. 30
3. (a) 9 (b) 27
4. 74
5. 120
6. 870
7. 10
8. 100
9. 200
10. Teacher check
11. 3 in 6
12. 49
13. 1988
14. $\times 3$
15. 3.6
16. 28 cm
17. $4\frac{1}{2}, 3$
18. 800
19. 1900
20. 1500

THURSDAY

1. 6.32, 6.51, 7.13
2. 130
3. 1300
4. $9, 8\frac{3}{4}$
5. 1910
6. \$1.95
7. NE
8. Mildura
9. 46
10. 0.17
11. 1050
12. 31
13. 7
14. (a) 16 (b) 64
15. 17
16. \$2
17. 100 000, 10 000,
1000, 100, 10
18. Answers will vary.
19. 11.4
20. 20 km

PROBLEM-SOLVING

- Monday
1. \$10
 2. 4
- Tuesday
1. 900

2. 8740
Wednesday
1. 26
2. 260
Thursday


1. B
2. C

FRIDAY REVIEW

1. 150
2. 8
3. (a) 77 (b) 154
4. 37
5. 27 027
6. 2, 3, 4
7. 10 010
8. $0.09 = \frac{9}{100}$
9. 70.7
10. $\times 4$
11. \$1.95
12. 8
13. 4
14. 1000
15. 200
16. 3900 m
17. 1996
18. Teacher check
19. 4 pm
20. 850 cm
21. cone
22. 8 cm
23. \$1
24. 10 km
25. odd or even

WEEK 33 – pages 98–100

MONDAY


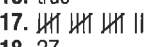
1. 30
2. 700
3. 12 km
4. 12
5. 6
6. (a) 25 (b) 125 (c) 625
7. 14
8. D
9. 2, 3, 6, 9
10. 950
11. Teacher check
12. 10.0
13. 106
14. 250 m
15. (a) 54 (b) 9
16. 6
17. (a) 13 (b) 20 (c) 65
18. 
19. Teacher check; 9 blue,
3 green, 2 yellow
20. $1\frac{1}{2}$

TUESDAY

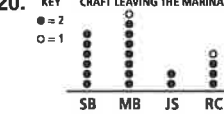
1. 1.7
2. (a) 24 496 (b) 30 862
3. 4
4. 500 m
5. 31
6. A and D
7. Teacher check
8. 12, 72
9. $\frac{17}{3}, 5\frac{2}{3}$

10. 8
11. 9100 m
12. \$12
13. 60.6
14. 10 000 g
15. –
16. 20 km
17. $\frac{1}{6}$
18. \$23.60
19. 9.20
20. 90

WEDNESDAY

1. \div
2. \$1
3. (a) 36 (b) 216 (c) 1296
4. 500 g
5. Teacher check
6. $\frac{2}{3}, 1\frac{1}{3}, 2\frac{2}{3}$
7. 8 t
8. 396
9. 
10. \$7.50
11. 98
12. 70
13. 20.2
14. 12
15. 9
16. true
17. 
18. 27
19. 7
20. 32

THURSDAY

1. 10.25
2. (a) 0.11 (b) 11
3. July
4. 3 cm
5. Teacher check
6. 100
7. 36
8. $4 \times 7 = 28$
9. 2300 m
10. SE
11. 7760
12. 20
13. 170
14. (a) 49 (b) 343 (c) 2401
15. 11
16. 1600
17. 2500
18. 250 mL
19. 12, 15, 4, 7, Total = 38
20. 



PROBLEM-SOLVING

- Monday
1. \$60
 2. 150
- Tuesday
1. 50
 2. 750 km
- Wednesday
1. B and C
 2. $\frac{3}{8}$

Thursday


1. 50 g
2. 250 g

FRIDAY REVIEW

1. 30 km
2. 200
3. 895
4. 9
5. 16
6. 40 040
7. \$900
8. 23 970
9. 42
10. \div
11. (a) 343 (b) 625 (c) 216
12. 48
13. 40.4
14. \$10
15. 60
16. Teacher check
17. 15 km
18. Teacher check;
answers include March,
April, May
19. 250 g
20. north-west
21. 
22. 31
23. octagon
24. 
25. 8

WEEK 34 – pages 101–103

MONDAY

1. 2.05
2. 1
3. odd
4. 3.7
5. \$5
6. $\frac{1}{5}$
7. 8200 g
8. 15 kg
9. 100 cm
10. (a) 512 (b) 343 (c) 729
11. XYZ
12. 365
13. 5
14. 250 cm
15. 55
16. $\frac{91}{10}$
17. 
18. 10.5
19. (a) 64
(b) 512
(c) 4096
20. 404


TUESDAY

1. Monday
2. 36
3. 4300 m
4. 500 mL
5. (a) 99 (b) 0.99
6. (a) 2.35 pm
(b) 3.35 pm
(c) 3.55 pm
(d) 4.40 pm
(e) 5.20 pm


NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

7. $\frac{7}{2}$
8. 66
9. 900
10. 10.0
11. 900
12. 1
13. 0.1
14. B
15. \$1700, \$900, \$2600
16. 300
17. 1
18. 250
19. 85 km
20. 20 km

WEDNESDAY

1. 6.25
2. 99 999
3. 720 cm
4. (a) 208 (b) 189 (c) 225
5. 12
6. 
7. 1400
8. +
9. 4
10. (a) 9.30 am
(b) 11.00 am
11. 38
12. 30.9
13. $4 \times 6 = 24$
14. 500 m
15. 8.6
16. (a) 3 in 6 or 1 in 2
(b) 1 in 6
17. circle and rectangle
18. 2950
19. $\frac{19}{6}$
20. 150

THURSDAY

1. \$9
2. 150
3. 5
4. (a) 15 (b) 18
(c) 30 (d) 200
5. $1\frac{2}{3}$
6. 109 999
7. 300
8. 8
9. 2 in 4
10. 1500
11. 20 cm
12. $1\frac{1}{3}, 1\frac{2}{3}$
13. 24
14. 31
15. \div
16. (a) 81 (b) 729 (c) 6561
17. 
18. 4
19. $5 \times 8 = \$40$
20. 40 009


PROBLEM-SOLVING

- Monday
1. 12, 36, 48, 60
 2. 9
- Tuesday
1. scalene triangle,

- equilateral triangle and square or rectangle
2. square, triangle, hexagon

Wednesday



1. 
2. 250 cm

Thursday


1. $4\frac{1}{2}$ cups
2. $\frac{3}{4}$ cup

FRIDAY REVIEW

1. 27
2. \$1400, \$700, \$2100
3. 14
4. 290
5. (a) 32 (b) 64
6. 18 089
7. (a) 266 (b) 272
(c) 315
8. $2 \times 14 = 28$
9. 8.9
10. 1500
11. $\frac{1}{6}$
12. $\frac{10}{3}$
13. \div
14. 853
15. 1300
16. 9, 18, 27, 36
17. 300
18. 4.5
19. 1.30
20. 317
21. Teacher check
22. 750 m
23. 24 km
24. 20 cm
25. 2 in 4

WEEK 35 – pages 104–106

MONDAY

1. Thursday
2. 4.0
3. (a) 41 (b) 410
4. 98
5. 0.06
6. 49
7. 750 mL
8. \div
9. 150
10. 9500 g
11. square-based pyramid
12. 60
13. 600
14. $1\frac{1}{2}$
15. $\frac{2}{3}, \frac{4}{6}$
16. (a) \$50 (b) \$200
17. 
18. 6.9
19. $40 + 2 = 42$
20. 695, 785

TUESDAY


1. 5.55
2. 51.5
3. false

4. \$20.35
5. 600 m
6. 900 or 1000
7. 1
8. (a) 6 pm (b) 8.30 pm
(c) 11.30 am
9. A
10. $90 + 12 = 102$
11. \$7
12. 22
13. 61
14. 100 999
15. 7, 9
16. 4.9
17. \div
18. Teacher check
19. 96
20. 803

WEDNESDAY

1. $8\frac{1}{2}$ cm²
2. 80
3. 90
4. polyhedron
5. 47
6. acute
7. \$2.20
8. 3 in 6
9. 10 000, 1000, 100, 10
10. 6 cm
11. 1.9
12. 10.1
13. 10 000 g
14. (a) 50.5 (b) 505
15. yes
16. 9990
17. Teacher check
18. triangular pyramid
19. 1 min, 75 secs, 1.5 min,
97 secs, 101 secs
20. 5, 7

THURSDAY

1. 12.15
2. 24
3. 30, 90, 108
4. 13 cm²
5. (a) 80.2 (b) 802
6. 
7. yes
8. 1248
9. 700 m
10. 200
11. pm
12. \$1
13. (a) 63 (b) 9
14. obtuse
15. 850
16. 15 months
17. Monday
18. 30 km
19. $\frac{9}{2}$
20. $\frac{4}{6}$

PROBLEM-SOLVING


- Monday
1. 8 days or 4 weekends
 2. 4 hours 0 minutes
- Tuesday
1. 16
 2. 18

- Wednesday
1. Answer will vary.
 2. 9

Thursday


1. 138
2. $14\frac{1}{2}$

FRIDAY REVIEW

1. 70
2. 9752
3. 36
4. yes
5. 100 000
6. (a) 216 (b) 343 (c) 512
7. $\frac{11}{3}$
8. 11
9. 30, 7, 90, 21, 111
10. 9990
11. 5.9
12. 750 mL
13. 799
14. 80
15. 72
16. 5 cm
17. Sunday
18. 800 m
19. pentagonal pyramid
20. 18 km
21. 11.00
22. 8800 g
23. 20 km
24. 
25. 3 in 6

WEEK 36 – pages 107–109

MONDAY



1. 
2. \$4
3. 100
4. 45
5. 32 509
6. 7, 120, 21, 141
7. 550
8. 875
9. 7.8
10. 80
11. \$6.70
12. March
13. 40
14. $\frac{3}{10}$
15. 16
16. 750 m
17. 580
18. \$800, \$350, \$160,
Total = \$1310
19. north-west
20. north-east

TUESDAY


1. 1045
2. 1.00
3. 5 cm²
4. 42
5. 7.20
6. 90 890
7. (b) 117
8. \$360
9. 6000 km

10. 24
11. $8\frac{1}{2}$ hrs
12. 9
13. \$1600, \$800, \$320,
Total = \$2720
14. 27
15. $\frac{14}{100} = 0.14$
16. yes
17. \$4
18. 10
19. $4 \times 12 = 48$
20. 76

WEDNESDAY

1. 
2. 72
3. 7G
4. (a) 1000 (b) 5000
5. 152
6. 21, 7
7. 7
8. 550 m
9. 174
10. 4
11. irregular polygon
12. \$24
13. 1000
14. no
15. 4400 g
16. $6\frac{2}{5}$
17. October
18. 
19. 0
20. 1050

THURSDAY

1. 1012
2. 5.8
3. 30
4. (a) hexagon
(b) 7 cm²
5. \$53
6. 3, 3, 120, 12, 132
7. 1 in 6
8. 29
9. 30 km
10. 100
11. 
12. north-east
13. 750 g
14. $1\frac{2}{5}$
15. B, C
16. $\frac{1}{2}, \frac{1}{3}, \frac{1}{8}, \frac{1}{10}$
17. 1500
18. 23 November
19. (a) 31 (b) even
20. (a) 10.1 (b) 0.101

PROBLEM-SOLVING

- Monday
1. 5, 8, 2, 7
 2. 9
- Tuesday
1. 25
 2. 85


NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

- Wednesday
- Teacher check
 - 190 mm

Thursday

- 40 g
- 250 g

FRIDAY REVIEW


- 40, 5, 135
- 10 702
- 1081
- 46
- 101
- 46 078
- $\frac{7}{10}$
- 2000
- ÷
- 156
- 6
- \$700, \$350, \$140, Total = \$1190
- 7.8
- 0
- 30
- 
- July
- south-east
- 28 cm
- $\frac{3}{4}$
- no
- 25 October
- hexagon
- 8 square units
- 3 in 6



WEEK 37 – pages 110–112

MONDAY

- $0.08 = \frac{8}{100}$
- $\frac{1}{4}$
- $\frac{1}{4} = \frac{2}{8}$
- Teacher check
- 40 cm
- 10.01
- 9.40
- 9
- 45
- 1
- 15
- 31
- 1000
- (a) pentagon
(b) 8 cm² (c) 6 cm²
- (a) 2 cm²
(b) rectangle
- 18. Teacher check
- back row, third from right
- front row, first on the left

TUESDAY



- 
- (a) 48 (b) 96
- 1 in 6
- hexagonal prism
- 750 mL

- 0
- 40
- 
- ×
- 10 1000
- (a) 6 cm (b) 2 cm
- (a) 33 (b) odd
- June
- 143
- Teacher check
- 36
- 130
- 8808
- 15
- 

WEDNESDAY

- 310
- 400
- 500 g
- 1304
- 8
- \$4.40
- 250 m
- even
- 52
- false
- 1000
- $\frac{46}{5}$
- 3, 4
- \$10
- $\frac{5}{10} = \frac{1}{2}$
- 168
- triangle
- 2330
- 5
- (a) greatest value = 1
(b) smallest value = 7

THURSDAY

- 
- 400
- $8\frac{2}{5}$
- 12 am
- 7
- 9
- 1, 12
- 0.9
- 26
- 7
- 
- Teacher check; red = 6, yellow = 5, blue = 7
- Friday
- (a) 290 (b) 29
- 300
- Teacher check colouring; $\frac{2}{3}, \frac{3}{4}, \frac{5}{6}$
- 99
- rhombus
- $\frac{7}{10}$
- 0.4


PROBLEM-SOLVING

Monday



- A
- A

Tuesday

Right angles	Acute angles	Obtuse angles
A	E	B
B		C


- 
- Wednesday
- 40
- 0.5 or $\frac{1}{2}$ second
- Thursday
- 6
- Teacher check, rectangle

FRIDAY REVIEW



- 6016
- 0.05
- 
- $\frac{1}{3} = \frac{2}{6}$
- 3673
- 1250 m
- $3\frac{1}{8}$
- 120
- 130
- 6, 8, 12
- 490
- (a) 42 (b) 84
- 36
- 991
- 7717
- triangle
- 750 m
- 4.40
- yes
- September
- 
- A
- 2 units
- 3 in 6
- 2 in 6

WEEK 38 – pages 113–115


MONDAY

- 
- true
- 5
- kite
- 11 101
- 4
- 26 June
- 1500
- $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$
- 1 in 8
- 3
- 250
- 7310
- \$16.50
- \$8.25
- no
- 9.9
- (a) irregular octagon
(b) 7 square units
- 9
- 11


TUESDAY

- 19 910
- 1
- 50 kg + 45 kg
- 894
- 470
- 2
- even
- 36
- false
- 1 km
- 
- $20 \div 3 = 20\frac{2}{3}$
- 700
- 4400
- (a) irregular octagon
(b) 6 square units
- 250 mL
- Teacher check, shape B
- $3 \times 4 = 12$,
 $4 + 4 + 4 = 12$
- $\frac{4}{8}$
- 

WEDNESDAY

- 
- 2
- 2
- 5
- 2100
- (a) 8 (b) 4
(c) 6 (d) 9
- 58
- 2700
- 200
- 99
- 1000 cm
- 8 cm
- Teacher check; answers include June, July, or August
- Yen
- 56
- 750 m
- 50 g, 7
- even
- 2600
- ÷

THURSDAY

- Saturday
- \$10
- 5800
- 27
- 4 in 8
- 
- +
- 400
- (a) 100 (b) 1000
- 5.4
- 990
- 1200
- trapezium
- 510
- $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
- 1600


- odd
- 32
- 100
- (a) irregular octagon
(b) 8 square units

PROBLEM-SOLVING

Monday


- 375
- 80 km
- Tuesday
- 25
- Teacher check
- Wednesday
- 19 or \$3.80
- 12
- Thursday
- 125 km
- 2.36

FRIDAY REVIEW

- $2\frac{1}{3}$
- $\frac{7}{100} = 0.07$
- 1985
- \$28.50
- 1600
- 29
- 9909
- 150
- 38
- 10
- 4
- 27, 27
- ÷
- 2999, 3876, 3978, 4011
- $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
- 30
- Wednesday
- 12
- 
- 1 m
- 55 kg + 45 kg
- Teacher check
- 750 mL
- hexagon
- 2 in 8

WEEK 39 – pages 116–118

MONDAY

- 20
- 
- 1 January
- 19
- 7
- 950
- 25
- 1
- 350
- 80
- 590
- 2
- 1548
- ÷
- 1.0



NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

16. 5 cm
17. 32
18. 100
19. 13
20. \$2.55


TUESDAY

1. 
2. 17
3. 800
4. 132
5. 60
6. 820
7. 1950
8. Kathleen
9. 4.2
10. (b) 3.0
11. 520
12. 6
13. 20 km
14. litres
15. 57 hours or 2 days and 9 hours
16. 600
17. **N**
18. aqua and blue
red and green
19. \$11.40
20. \$3.60

WEDNESDAY

1. 21 196
2. 34
3. **L**
4. 
5. 32
6. \$89.50
7. 8
8. 160
9. **B**
10. 4
11. 5500 mL
12. 55
13. 9
14. 8
15. 1 in 4
16. 17, 107, 1007, 10 007
17. $\frac{20}{3} = 6\frac{2}{3}$
18. 50 c
19. $\frac{1}{2}$ L or $\frac{2}{4}$ L
20. 

THURSDAY



1. 
2. 4000
3. 5 r 3
4. (a) 12 (b) 0
5. 1400
6. 7
7. 1800 m
8. 5.0
9. 5732
10. 250 mL
11. 5

12. 230
13. 0.1
14. **I**
15. row
16. 690
17. SW
18. \$1.10
19. 2500
20. $88 \div 8 = 11$

PROBLEM-SOLVING


- Monday
1. 8 and 9
 2. 225 minutes or 3 hours 45 minutes
- Tuesday
1. 32
 2. Teacher check
- Wednesday
1. $\frac{3}{10}$
 2. 0.4
- Thursday
1. 6
 2. 18

FRIDAY REVIEW

1. 890
2. 575
3. 98 763
4. $0.11 = \frac{11}{100}$
5. (a) 144 (b) 128 (c) 112
6. 10.0
7. 1510
8. 530
9. 38
10. 50c
11. 800
12. (a) 49 (b) 98
13. 19.9
14. \$6.55
15. 10 034
16. 
17. 44 km
18. 7
19. thirtieth
20. SE
21. 
22. 750 mL
23. 1300 m
24. **S**
25. 0 in 4

WEEK 40 – pages 119–121

MONDAY


1. 6 r 5
2. 700
3. $90 + 4 = 94$
4. 1.0
5. 250 m
6. \$200
7. 4 in 8
8. 
9. Sunday

10. 180 minutes
11. –
12. Teacher check
13. February
14. 10×2.7
15. $A >, B =, C <$
16. 8.9
17. 9909
18. 5
19. F,4
20. 1,3

TUESDAY

1. $40 \div 4 = 10$
2. 10.0
3. 10, 14, 30
4. Teacher check, XYZ
5. 29 February
6. 52
7. true
8. 30
9. 750 g
10. 10×17.1
11. $9\frac{1}{2}$ hours
12. **E**
13. 250 kg
14. (a) 60 (b) even
15. Teacher check, 10
16. 10 000
17. 20.2
18. $486, \times 3$
19. 50 011
20. 237

WEDNESDAY

1. 2.55
2. 1200
3. 1.9
4. 8000
5. parallelogram
6. 500 kg
7. 31 December
8. $\frac{42}{10}$
9. Sunday
10. 210
11. to measure the length of an oval
12. 1400 mL
13. 99 900
14. $0.9 = \frac{9}{10}$
15. 365
16. 
17. vertical
18. $1875, \times 5$
19. \$30
20. \$33

THURSDAY

1. 600
2. Teacher check, cylinder
3. \times
4. 1980
5. 16 000
6. 1.8
7. pm
8. \div
9. Teacher check
10. $\frac{3}{4}$
11. 3 m

12. $\frac{21}{100}$ or 0.21
13. 94
14. 90 909, 90 910
15. $\frac{2}{10}$
16. 23
17. true
18. **bye**
19. 100 km
20. $19 + 15 = 34$

PROBLEM-SOLVING

- Monday
1. 75 m
 2. 225 m
- Tuesday
1. 300
 2. 20
- Wednesday
1. 700 m²
 2. 800 m²
- Thursday
1. 9 cm²
 2. 36 cm²

FRIDAY REVIEW

1. 120
2. 10 000
3. $\frac{3}{4}$
4. 21, 33, 45
5. \$8
6. even
7. (a) – (b) 600
8. 117
9. \div
10. 90 109
11. 28
12. 70
13. 267
14. 1.45
15. 31 December
16. 500 kg
17. (a) 175 km (b) 90 km
18. 250 mL
19. **25**
20. 250 mL
21. kite or rhombus
22. 55 km
23. 12 pm
24. $B + C + A$
25. 1 in 8

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

WEEK 1 – pages 2–4

MONDAY

1. 4.15
2. 16
3. 18
4. 5301
5. pentagon
6. 20
7. 5
8. 0.07
9. semi-circle
10. pm
11. 18
12. 5000
13. 100
14. 14
15. $\frac{2}{3}$
16. 1 m
17. 8
18. 4
19. 4
20. true

TUESDAY

1. 2.45
 2. 4
 3. 49
- | | | | | |
|----|----|----|----|----|
| 3 | 6 | 9 | 12 | 15 |
| 18 | 21 | 24 | 27 | 30 |
| 33 | 36 | 39 | 42 | 45 |
- 4.
 5. 4
 6. 5005
 7. am
 8. 17 km
 9. hexagon
 10. 29 February
 11. 108
 12. 365
 13. 90



14. 1 kg
15. 1 kg
16. 8
17. $60 + 3 = 63$
18. false
19. 1500
20. $\frac{2}{4}$ or $\frac{1}{2}$

WEDNESDAY

1. 7.30
2. 12
3. 81
4. 3
5. octagon
6. 12 801
7. 366
8. trapezium, square, rhombus, kite
9. 32
10. $\frac{5}{10}$ or $\frac{1}{2}$
11. 4
12. Monday
13. 54th Street
14. 10
15. 800
16. \div

17. 350
18. 290
19. 36 cm
20. true

THURSDAY

1. 5.20
2. 60
3. hexagon
4. 60 000
5. 52
6. \$6.50
7. 80
8. 5
9. $\frac{6}{9}$ or $\frac{2}{3}$
10. parallelogram

	Prime	Composite
Odd	7	9
Even	2	10

- 11.
12. 100
13. 21
14. morning
15. 509
16. 11
17. (a) Year 1
(b) Answers will vary
18. true
19. 8
20. 0.02

PROBLEM-SOLVING

- Monday
1. 8
 2. $\frac{3}{10}$
- Tuesday
1. 8
 2. 26 May
- Wednesday
1. 3975
354
 2. 5368
2812
- Thursday
1. B
 2. B

FRIDAY REVIEW

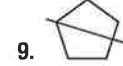
1. 12
2. 6
3. 4
4. \$5.50
5. 80
6. $\frac{8}{9}$
7. 6
8. 2352
9. 12, 24, 28
10. 24
11. 6
12. true
13. 10
14. 126
15. 350
16. 230
17. 11 110
18. 1099
19. 0.04
20. 2 m
21. 365, year

22. 9.45
23. hexagon
24. 2 kg
25. 7

WEEK 2 – pages 5–7

MONDAY

1. 1.05
2. 45
3. kite
4. 60
5. 40
6. 205 km
7. 6
8. 21



- 9.
10. 500
11. 1000
12. 81
- 13.
14. 50
15. 40 000
16. 35
17. 5
18. 100
19. \$1.50
20. $\frac{4}{5}$

TUESDAY

1. 8.25
2. 290
3. 27
4. 750
5. 60, 300
6. 10
7. \div
8. 5
9. cylinder
10. \$3.00
11. 16 000
12. 73



- 13.
14. 4
15. rhombus
16. 24, 95
17. 10
18. $\frac{9}{10}$
19. 160, 24
20. odd

WEDNESDAY

1. 10.40
2. less
3. 40 004
4. 900
5. 5000
6. 24
7. 3.10
8. octagon
9. 49
- 10.
11. 24
12. distance in kilometres
13. 1000

14. (a) 24
(b) 56
15. $\frac{7}{8}$
16. 4
17. 1000
18. 64
19. even
20. 4080

THURSDAY

1. 9.50
2. 2
3. rhombus
4. 370
5. 550
6. \$1.10
7. 5
8. 1000
- 9.
10. 266
11. $\frac{1}{10}, \frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{1}{2}$
12. 0.04
13. (a) 84 km
(b) 272 km
14. 1400
15. 40
16. 1000
17. 5
18. even
19. 24 cm
20. \$7.50

PROBLEM-SOLVING

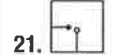
- Monday
1. (2,3) (3,3) (4,3)
(5,3) (6,3)
 2. Teacher check
- Tuesday
1.

8
3 4 5
 2. 2000, 2020
Wednesday
 1. 4
 2. 5
- Thursday
1. 180
 2. 360

FRIDAY REVIEW

1. 150
2. $\frac{1}{8}, \frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{1}{2}$
3. 1200
4. 160, 16, 176
5. 1000
6. 195 km
7. 48
8. 3070
9. \$3.50
10. $\frac{7}{9}$
11. 12 000
12. 25
13. 24
14. <10
15. odd
16. \$2.00
17. 40 km
18. false
19. 4.05

20. 1000



- 21.
- 22.
23. rhombus
24. rhombus
25. Teacher check

WEEK 3 – pages 8–10

MONDAY



- 1.
2. 16
3. $\frac{4}{4}$
4. 609
5. triangular pyramid
6. 1.6
7. 54
8. $\frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{10}$
- 9.
10. 270
11. (a) 36
(b) 54
12. $\frac{4}{5}$
13. 24 cm
14. N
15. 1400
16. October
17. \$45.00
18. 33
19. \$2.80
20. 1430

TUESDAY



- 1.
2. 1
3. triangular prism
4. 3789
5. 2100
6. 95
7. less than
8. 10
9. 240, 32, 272



- 10.
11. 1.4
12. 800
13. 85
14. 40
15. \$3.80
16. 800
17. 350 000
18. C
19. A
20. B

WEDNESDAY






- 1.
2. 950
3. 175
4. 4300

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

5. 510 000
6. 17 500
7. \$5.90
8. 25, 49
9. 28
10. $\frac{1}{4}$
11. B
12. Spring
13. 4
14. 2000
15. false
16. (a) north
(b) 9th Road
17. 2941
18. 90 kg
19. 1200
20. 4

THURSDAY



1. 
2. 
3. 7489
4. (a) 21 (b) 42
5. \$1.90
6. 5964
7. 252
8. $\frac{1}{4}$
9. \$2.50
10. Summer
11. 
12. 550
13. 36
14. square-based pyramid
15. 52
16. 21 km
17. 40, 4, 396
18. false
19. 30
20. 118

PROBLEM-SOLVING

Monday

1. (5,2) (5,3) (5,4)
(5,5) (4,5) (3,5)
(2,5)

2. Teacher check

Tuesday

1. 150
2. 725

Wednesday

1. 201
2. 65

Thursday



1. 3
2. 2

FRIDAY REVIEW

1. 16
2. 2364
3. 240, 24, 264
4. 1.3
5. 100
6. $\frac{1}{2}$
7. 1740
8. 1200


9. 1978
10. 24
11. 6
12. 25 kg
13. \$7.50
14. \$2.50
15. 812
16. 68 km



17. 
18. 
19. Autumn
20. Teacher check
21. square-based pyramid
22. 3200
23. triangular prism
24. C
25. 28 cm

WEEK 4 – pages 11–13


MONDAY

1. 1.25
2. 150
3. right angled/scalene
4. 40, 5, 200, 25, 225
5. 8, 2
6. 1
7. 1.3
8. Teacher check
9. 
10. 90 090
11. 210 cm
12. 8990
13. 32 cm
14. F
15. 12
16. 0.1
17. 15 April
18. $12 \times 7 = 84$
19. 1.08, 1.8, 1.99, 2.01,
2.1, 2.2
20. 0.2

TUESDAY


1. 2.40
2. 800
3. 50 kg
4. 100
5. 1
6. 3, 1
7. 4
8. equilateral
9. 22, 33, 44, 55, 66, 77,
88, 99, 110, 121, 132
10. 40, 8, 56, 336



11. 
12. $30 \times 12 = \$360$
13. 0.3
14. 2 July
15. 9400
16. 3100 m
17. 0.8
18. 1000

19. 1.8
20. 370

WEDNESDAY

1. 10.35
2. 9
3. 3.05
4. $\frac{3}{4}, \frac{2}{3}, \frac{2}{5}, \frac{1}{4}$
5. 15 500
6. 1
7. 5, 2
8. 
9. false
10. 160
11. 1100 g
12. scalene
13. 7000
14. 0.1
15. $24 \div 8 = 3$
16. 31 January
17. 1000
18. \$2.40
19. $\frac{2}{5}, \frac{3}{5}$
20. 160

THURSDAY

1. 4.25
2. 60
3. \$60.00
4. 15
5. 0.8
6. 1100 kg
7. 30, 9, 180, 54, 234
8. 4, 7
9. 1100 mm
10. isosceles
11. 800
12. K
13. 20
14. 13 January
15. 0.7
16. 1.7
17. 3000
18. January
19. rhombus
20. $\frac{1}{4}, \frac{3}{4}$

PROBLEM-SOLVING

Monday

1. 30 000
2. 110 000

Tuesday

1. 6
2. 18

Wednesday

1. 3
2. 1

Thursday


1. Teacher check
2. 60%

FRIDAY REVIEW

1. 900
2. 5
3. 1
4. 2.9, 2.99, 3.03, 3.1,
3.2
5. 1.25

6. 1
7. 7, 3
8. $8 \times 7 = 56$
9. 0.7
10. 270
11. 2.08
12. 4000
13. 0.9
14. 6980
15. true
16. 50
17. $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{2}{5}$
18. 4.40
19. 2100 m
20. 3100 kg
21. 100
22. equilateral




23. 
24. 17 March
25. pentagonal pyramid

WEEK 5 – pages 14–16

MONDAY

1. 7.30
2. 66
3. A = 0.5, B = 0.75,
C = 1.25, D = 1.50
4. 90, 270, 279
5. 4200 m
6. 4000
7. 3.5
8. equilateral
9. 43 500
10. 130
11. 3.08
12. 6, 2
13. cube
14. 0.9
15. 30 September
16. \$3.20
17. 8
18. 34 cm
19. 1.6
20. $12 \times 3 = 36$

TUESDAY

1. 11.45
2. 15
3. \$1.30
4. 6200 g
5. 390
6. 1.2
7. 7000
8. 
9. \$2.50
10. triangular pyramid
11. 50
12. 2004, 2012



13. 7917
14. 9
15. true
16. true
17. 12, 16, 20, 28

18. 4, 5
19. $\frac{3}{4}$
20. 1

WEDNESDAY

1. 9.40
2. 1010
3. 3.0
4. 31 July
5. 24, 36, 48, 60, 72, 84,
96, 108, 120, 132,
144
6. 35
7. 7200 kg
8. scalene
9. 7
10. 4, 320, 336
11. 6737
12. $2\frac{1}{4}$
13. spring
14. 85 070
15. 10
16. 1884
17. 1
18. \$2.50
19. 12
20. 4×3

THURSDAY

1. 0.10, 0.15, 0.20, 0.25
2. 1006
3. right-angle triangle
4. 25
5. 65
6. 5200 mm
7. 10.1
8. 9
9. summer
10. cylinder
11. 0.2
12. 125
13. true
14. Teacher check
15. 8874
16. 28
17. 32
18. 1
19. 10, 3, 10.3
20. 10

PROBLEM-SOLVING

Monday

1. \$75 000
2. \$785 000

Tuesday

1. Answers will vary.
Possible answers:
Pentagon (5)
Octagon (8)
Square (4)
2. 9

Wednesday



1. 108
2. 45

Thursday

1. 3 bags of apples for
\$10.50
2. 18


NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

FRIDAY REVIEW

1. 113 000
2. 1
3. 10.0
4. 0.6
5. 1011
6. \$6.60
7. 4, 4, 280, 296
8. $\frac{5}{10}$
9. 1.2
10. 45
11. true
12. 10, 3
13. Teacher check
14. 6431
15. 7000
16. 3.07
17. 10
18. 11.35
19. 2
20. cube
21. 3700 m
22. 
23. 36 cm
24. 
25. (a) true
(b) 15, 15

WEEK 6 – pages 17–19

MONDAY


1. 6.05
2. Teacher check
3. Teacher check
4. \$5.60
5. 1.3
6. 19 990
7. 1.2
8. 
9. 3, 0.8, 0.08
10. 1400
11. odd
12. 1.6, 1.96
13. 35
14. true
15. 9000
16. 1
17. 30 August
18. 16, 24, 40, 48, 64, 72
19. 470 cm
20. 1000

TUESDAY


1. 3.10
2. 10
3. 12 010
4. \$3.70
5. Teacher check
6. 10.2
7. triangular prism
8. 2, 0.9, 0.02
9. 7
10. 1.5
11. 1 July

12. \$12.50
13. 0.1
14. 2.4
15. 9500 mm
16. $\frac{9}{10}$
17. 1.7
18. 240
19. scalene
20. 0

WEDNESDAY

1. 8.05
2. \$0.30
3. 121
4. 270
5. 
6. 70
7. $\frac{11}{4}$ or $2\frac{3}{4}$
8. 380, 3800
9. 37
10. square-based pyramid
11. 1.6
12. 1700
13. 132
14. 7500 m
15. 36
16. \$19.00
17. 1889
18. 14
19. 2.4, 2.94
20. (a) Druitt
(b) A1, B1, C1, D1, E1
(c) 25

THURSDAY

1. 10.10
2. 2112
3. 
4. 3, 1, 09
5. 110
6. 44
7. 2400 kg
8. \$2.30
9. yes
10. cube
11. 270
12. $90 - 9 = 81$
13. 340
14. 34
15. 80, 2, 410
16. 2300
17. 45, 450
18. $\frac{2}{10}, \frac{1}{5}$ or 0.2
19. under
20. +

PROBLEM-SOLVING

- Monday
1. 110, Teacher check
 2. 300 km/h
- Tuesday
1. 100
 2. 25
- Wednesday
1. 10
 2. 5 bananas at \$4.75
6 bananas at \$5.70

Thursday

1. 16, 17
2. 961

FRIDAY REVIEW

1. 9
2. \$2.20
3. 0.25, 0.50, 0.75, 1.00
4. 18
5. +
6. $\frac{3}{10}$
7. 5.4
8. 1.2
9. 110
10. 1250
11. Teacher check
12. 30
13. \$12.50
14. 18, 30, 36, 42
15. 60, 54, 48, 42, 36
16. 13 020
17. 3.6
18. true
19. 8.10
20. 2.5
21. scalene
22. 21
23. 3.8
24. (a)–(b) Teacher check
25. 0.5 or $\frac{1}{2}$ or 50%

WEEK 7 – pages 20–22

MONDAY


1. 1.10
2. 0.1
3. 100, 200, 300, 400
4. 5
5. 180
6. 575
7. 1.6
8. 1000
9. rhombus, parallelogram
10. \$7.50
11. 7.3 km
12. 9, 8, 72
72, 9, 8
13. 4 tenths
14. 28
15. 210
16. 12, 1.2
17. 30 July
18. 2, 4
19. 1600
20. 9

TUESDAY


1. 5.05
2. 5096
3. 42
4. isosceles
5. 205
6. 1.4
7. 4.2 kg
8. hexagonal prism
9. 1.65
10. ÷
11. 1 February
12. 65 000

13. 0.41
14. Teacher check
15. 100
16. 6000
17. 5
18. 23
19. $\frac{3}{4}$
20. \$12.80

WEDNESDAY

1. 3.15
2. 360
3. 250
4. 3.7, 3.97
5. 1, 1, 2, 2, 3
6. 3700
7. $\frac{3}{8}, \frac{4}{8}, \frac{6}{8}, \frac{7}{8}$
8. 
9. 280
10. $\frac{9}{4}$
11. true
12. 56
13. 16 005, 16 025,
16 052
14. 16, 20, 24, 28, 32
15. \$58
16. 5600
17. 1000
18. 21
19. 4
20. 81

THURSDAY

1. 9.00
2. 23, 5
3. Teacher check
4. 27
5. yes
6. 155
7. 5.4
8. 170
9. 18, 24, 36, 42
10. (a)–(b) Teacher check
11. 35
12. 2.2 m
13. Teacher check
14. 40 m
15. 28
16. Teacher check
17. 1100
18. 
19. 132
20. 2.5

PROBLEM-SOLVING

- Monday
1. \$150
 2. \$180
- Tuesday
1. 7
 2. 8.31
- Wednesday
1. 250
 2. 3
- Thursday
1. Odd/Prime
3, 5, 7, 11, 13, 17, 19

- Even/Prime
- 2
- Odd/Composite
- 9, 15
- Even/Composite
- 4, 6, 8, 10, 12, 14, 16,
18, 20
2. 77

FRIDAY REVIEW

1. 3.15 pm
2. 150
3. 1.8
4. 27, 4, 3
5. 100
6. 8000
7. 2.0
8. 575
9. 25
10. \$3.25
11. $7 \times 8 = 56$
12. 72
13. 150
14. 120 km
15. 360
16. 0.5
17. 12 099, 13 890,
19 991, 20 920,
21 000
18. 15, 1.5
19. 9.10
20. hexagonal prism
21. Teacher check
22. 6.4 km
23. 2, 3, 1, 2, 3, 1
24. $\frac{2}{6}$ or $\frac{1}{3}$
25. more likely than an even

WEEK 8 – pages 23–25



MONDAY

1. 5.50
2. spring
3. 8935
4. 160
5. 99 990
6. TH, TT
7. 9.7 km
8. 20
9. pentagonal pyramid
10. 4
11. 8 tenths, hundredths
12. 1
13. equilateral
14. 18 cm
15. 30 minutes
16. 7000
17. 1110, 1101, 1090,
1019, 1001
18. 28
19. 40
20. 6

TUESDAY

1. 18, 21, 24, 27
2. 4, 6
3. \$7.50
4. 110

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

5. 8.7 m
 6. 1.9
 7. 1.5 hours
 8. 7
 9. isosceles
 10. \div

 11. 
 12. pentagonal prism
 13. 5
 14. 2 t
 15. 30
 16. 99 000
 17. 5400
 18. 1300
 19. 1.5
 20. 60

WEDNESDAY

1. 3.05
 2. 1
 3. (a) 1700
 (b) 9800
 4. \div
 5. 3 hours
 6. 5, 6
 7. 18, 45, 54, 63
 8. 17
 9. $\frac{4}{52}$
 10. rhombus
 11. 17 hours
 12. 20
 13. 4
 14. 2.4 kg
 15. false
 16. 0.5
 17. 54, 540
 18. \$3.75
 19. true
 20. 121 (odd)

THURSDAY

1. 12.10
 2. 24
 3. 351
 4. 36 hours
 5. 32, 36, 40, 44
 6. Teacher check
 7. 125, 250, 375
 8. \div
 9. 5.5 cm
 10. $\frac{1}{5}, \frac{1}{4}, \frac{3}{5}, \frac{3}{4}$
 11. 42, even
 12. 1.8, 1.98
 13. \$11.40
 14. 2
 15. 16
 16. 17
 17. 15
 18. \$2.50
 19. $\frac{3}{6}$ or $\frac{1}{2}$
 20. 14

PROBLEM-SOLVING

Monday

1. 19 t
 2. \$9500

Tuesday

1. 30
 2. $30^\circ \div 5$



Wednesday

1. 0.9
 2. 1.9

Thursday

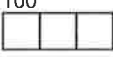

1. 146
 2. \$28

FRIDAY REVIEW

1. 99 990
 2. 0.25
 3. 1700
 4. 70
 5. even
 6. 56
 7. 1.0
 8. 370
 9. \div
 10. true
 11. 10 000
 12. 3
 13. 7 hundredths
 14. 40, 44, 48, 52
 15. 28
 16. 72
 17. 1.55
 18. 2 hours
 19. 6.8 km
 20. Teacher check
 21. no
 22. 10 hours
 23. 12 hours

 24. 
 25. $\frac{2}{6}$ or $\frac{1}{3}$


WEEK 9 – pages 26–28

MONDAY



1. 8.10
 2. 9 hours
 3. parallelogram
 4. 21, 35, 42
 5. 894
 6. 0.9
 7. 169
 8. 100

 9. 
 10. 300 000
 11. equilateral
 12. 1
 13. A, B, C, A, C, E
 14. $\frac{2}{6}$ or $\frac{1}{3}$
 15. 400
 16. 65
 17. 2, 3, 5, 7, 11, 13
 18. 90
 19. 4700 m
 20. 140

TUESDAY



1. 1.05
 2. 16, 160
 3. 6800
 4. 10
 5. 0.1, 0.91
 6. (a) 110
 (b) 110 000
 7. 170

8. 
 9. 6, 12
 10. 310
 11. A = p, B = a
 12. odd
 13. isosceles
 14. \div
 15. 7
 16. 4
 17. 45
 18. triangular pyramid
 19. (a) 63
 (b) 81
 20. 20

WEDNESDAY

1. 6.55
 2. 4, 1
 3. 8
 4. false
 5. A – square
 B – rhombus
 6. 100 000
 7. 0.05
 8. 53 000
 9. $11\frac{1}{2}$ hours

 10. 
 11. 10
 12. 4
 13. $\frac{1}{4}, \frac{3}{4}$
 14. <10
 15. 4800 g
 16. 150
 17. 200, 400, 600, 800
 18. acute
 19. $\frac{2}{6}, \frac{2}{5}, \frac{2}{4}, \frac{2}{3}$
 20. 63

THURSDAY

1. 11.20
 2. \$12.50, \$12.50,
 \$12.50, \$12.50, \$50
 3. $\frac{1}{8}$
 4. 23 hours
 5. 1.6, 1.96
 6. 520
 7. 200 000
 8. 7.5 cm
 9. $\frac{2}{3}, \frac{2}{4}, \frac{1}{3}, \frac{1}{5}$

 10. 
 11. $\frac{4}{10}$
 12. 100 000
 13. 21
 14. 3 cm
 15. 100
 16. 42, 48, 54, 60
 17. 750
 18. 171
 19. 6
 20. 7000

PROBLEM-SOLVING

Monday

1. 15
 2. 45

Tuesday

1. 1870
 2. 2030



Wednesday

1. 21.25
 2. 127.5

Thursday



1. \$20
 2. 3, 8

FRIDAY REVIEW

1. $\frac{2}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}$
 2. $\frac{1}{6}$
 3. 151
 4. 1.2
 5. \$12.10
 6. 42 000
 7. \$57.50
 8. 30, 36, 42, 48
 9. 750, 1250
 10. false
 11. 10
 12. 100 000
 13. 0.7
 14. \div
 15. 540
 16. 100 000
 17. <10
 18. 6.20
 19. equilateral
 20. 22 hours
 21. 2900 g

 22. 
 23. acute
 24. 25
 25. A + C

WEEK 10 – pages 29–31



MONDAY

1. 24, 27, 30, 33
 2. 1000
 3. 0
 4. $3\frac{1}{2}$ or 3.5
 5. 30 March
 6. 25, 49, 64, 81
 7. 1.4
 8. 0.4

 9. 
 10. 7000
 11. $7 \times 14 = 98$
 12. 2100
 13. 0.6, 0.6, 0.08
 14. 4520
 15. (a) $\frac{5}{10}$
 (b) $\frac{9}{10}$
 16. 78
 17. 50, 75, 100, 125, 150,
 175
 18. 360
 19. 9.9
 20. \times





TUESDAY

1. 10.10
 2. 30 June
 3. trapezium D



square A
 kite B
 rhombus C

4. 2.35
 5. 5000

 6. 
 7. (a) 21
 (b) 21 000
 8. 3200
 9. 42 cm
 10. 40
 11. 28
 12. 4
 13. 5, 10
 14. odd
 15. pm
 16. 15, 30, 45
 17. 1.0
 18. 4.8 cm
 19. 10
 20. $\frac{7}{10}$

WEDNESDAY

1. 3.25
 2. 50 005
 3. 175
 4. 307 306
 5. 9000
 6. 3.8
 7. 49

 8. 
 9. 32

 10. 
 11. 25
 12. 5
 13. 3 July
 14. 40, 44, 48, 52
 15. 0.75
 16. 75 kg
 17. 3
 18. A \$30, B \$330
 19. 400
 20. \$24

THURSDAY

1. 9.10

 2. 
 3. 5
 4. 602 057
 5. 4
 6. 45 cm
 7. A = 285, B = 295,
 C = 310, D = 335
 8. 6200 kg
 9. 1.1
 10. square-based pyramid
 11. 50
 12. 7
 13. 5600
 14. (a) $\frac{2}{6}$ or $\frac{1}{3}$
 (b) $\frac{1}{6}$
 (c) $\frac{1}{2}$ or 0.5
 15. 140
 16. am





NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

17. 84
18. $C = 0.35, D = 0.45$
19. 1.2
20. \times

PROBLEM-SOLVING


- Monday
1. 20
2. 14
- Tuesday
1. $\square\square\square\square\square\square\square\square\square\square$
2. 24
- Wednesday
1. $+\frac{1}{2}$ hr
2. 11.30, pm, pm
- Thursday
1. Apple juice
2. Apple

FRIDAY REVIEW

1. 0.3
2. 0.25
3. 81, 25
4. 8, 0.4, 0.05
5. 30
6. \times
7. 3520
8. \$8.90
9. 1.2
10. \$20
11. 99 000
12. \times
13. 9.9
14. 150 kg
15. odd
16. 10.0
17. 6.55
- 
18. 
19. 91
20. 360°
21. $A = 705, B = 685$
22. 42
23. 10
- 
24. 
25. 3 and 4


WEEK 11 – pages 32–34

MONDAY



1. 8
2. $< \$60$
- | | | |
|---|---|---|
| 6 | 7 | 2 |
| 1 | 5 | 9 |
| 8 | 3 | 4 |
3. 
4. 4.5.2018
5. 70
6. 30, 930
7. 8950
8. 3×4
9. 90
10. 26
11. 32, 40, 48, 56
12. 16
13. north-east
14. 2, 11
15. 90 900

16. 0.1
17. 4.5
18. (a) 12
(b) 120
19. Teacher check
20. 3

TUESDAY

1. 3.15
2. south
3. 15, 9.6
4. 180
5. 21
- | | | |
|---|---|---|
| 8 | 1 | 6 |
| 3 | 5 | 7 |
| 4 | 9 | 2 |
6. 
7. 4
8. Teacher check
9. 2.5
10. 7000
11. (a) \$5
(b) \$7.50
12. 30, 7.5
13. 8
14. 440
15. 5, 1, 2, 3, 4
16. 14
17. 1996
18. 0.3
19. 21
20. 20 g

WEDNESDAY

1. 10.35
2. (a) 995
(b) 9995
3. 208
4. 12.4
5. $3 \times 8 = \$24$
6. 800
7. 1 hour
8. no
9. 32, 320
- 
10. 
11. 52
12. Teacher check
13. 20
14. 7
15. \$3.30
16. 6.24
17. 7
18. 1.2
19. 60
20. 18

THURSDAY


1. 3.05
2. $5\frac{1}{2}$ cm
3. 90
4. 50
5. 84, 77, 70, 63
6. 29.5.2017
7. 3900
8. 360
9. (a) $\frac{5}{8}$
(b) $\frac{3}{8}$
10. 2800

11. 24, 30, 36, 42
12. 5.73
13. 19
14. south-west
15. 6
16. 15, 6.9
17. 7
18. 25
19. 2.03
20. $3 \times 7 = 21$

PROBLEM-SOLVING

- Monday
1. 2350
2. 55 400
- Tuesday
1. 21
2. 36
- Wednesday
1. 2000
2. 27
- Thursday
1. C
2. 8

FRIDAY REVIEW

1. 27
2. 994
3. 160
4. 200
5. 140
6. 20
- | | | |
|---|---|---|
| 6 | 7 | 2 |
| 1 | 5 | 9 |
| 8 | 3 | 4 |
7. 
8. 4.93
9. 1.0
10. 5700
11. 34
12. $3\frac{3}{100}, 3.03$
13. 4, \$9, \$36
14. 9991
15. 0.1
16. 7408
17. 7.55
18. 15.5
19. parallelogram
20. north-west
21. 2
22. 7
23. 1996
24. 1, 9
25. 150

WEEK 12 – pages 35–37

MONDAY



1. 6
2. 4000
3. 90 m
4. 208
5. 10 000
6. 0.7
7. 2
8. 69
9. 69
10. 1.0, 0.37
11. 10

12. \div
13. sphere
14. 10 000
15. 1, 0.1
16. 5
17. 2

4	3	8
9	5	1
2	7	6

18. 1074
19. 2


TUESDAY

1. 4.05
2. 1.1
3. 3300
4. 90 010
5. 9000
6. 4
7. 10
- 
8. 
9. 7.4
10. 10.0
11. 300 m
12. 10 000
13. 234
14. 23 243
15. 2046
16. 60
17. 4.5, 1.25
18. \$2.50
19. $\frac{1}{6}$
20. no

WEDNESDAY

1. (a) 90
(b) 63
(c) 153
2. 14 000
3. 2.8
4. 10 011
5. (a) north
(b) north-west
(c) east



6. 
7. 75
8. 200
9. $7\frac{1}{2}, 7.5$
10. 3
11. 0.5
12. 50 m
13. 127
14. 10.0
15. 27
16. A \$2.90, B \$87.90
17. 7403
18. 64 905
19. 2, 7
20. 1.2

THURSDAY

1. 11.30
2. 100 000
3. 25
4. 4
5. 10
6. 20 000

7. 0.5 or $\frac{1}{2}$
8. $A = 975, B = 995,$
 $C = 1010, D = 1025$
9. 3.41
10. north-west
11. $2\frac{3}{5}, 2.6$
12. 40, 8, 280, 56, 336
13. 4, 12
14. 48 m
15. (a) 600
(b) 6000
16. 3568
17. 1.8
18. 15.30
19. $\frac{1}{5}, \frac{1}{3}, \frac{1}{2}, \frac{3}{4}$
20. $\frac{305}{100}, 3.05$

PROBLEM-SOLVING

- Monday
1. 180
2. Answers will vary.
- Tuesday
1. 64
2. 21
- Wednesday
1. 3 kg of rice at \$21.60
2. 130 000
- Thursday
1. 4, 4
2. 5

FRIDAY REVIEW

1. $8\frac{1}{2}, 8.5$
2. 0.5
3. 1.4
4. 10
5. 1.6
6. 21 000
7. 10 100
8. 0.9
9. 600
10. A \$4.40, B \$89.40
11. 6709
12. 1000
13. \$1.50
14. 10 000
15. 3.7
16. 0.5
17. 105
18. 7564
19. 5.00
20. A, equilateral
21. 2.5
22. 3500
23. south-west
24. sphere
25. 20 g

WEEK 13 – pages 38–40

MONDAY

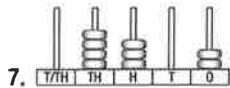
1. 7.00
2. 1000
3. rectangle, circle
4. 26
5. 7
6. 5, 10, 15
7. $\frac{3}{5}$

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

8. 333
 9. Teacher check
 10. 5
 11. 2
 12. 5320
 13. **n**
 14. 52
 15. (a) B, C
 (b) A, D
 16. 2
 17. $A = p, B = a$
 18. \$6.60
 19. 320 m
 20. 5000

TUESDAY

1. 8.10
 2. 10 000
 3. 8
 4. 7
 5. 3.4
 6. $\frac{9}{10}$



7.

T	H	H	H	T	D
---	---	---	---	---	---

 8. 4.7
 9. (a) B, D
 (b) A, C
 10. triangle, rectangle

2	9	4
7	5	3
6	1	8

11.
 12. 10.0
 13. $2\frac{1}{4}$
 14. 9 hours
 15. 1600
 16. 108, 99, 90, 81
 17. yes
 18. 90
 19. 99
 20. 2, 4

WEDNESDAY

1. 4.55
 2. 12
 3. 10, 100
 4. 6400
 5. scalene
 6. $\frac{9}{20}$
 7. 1.5
 8. square, triangle
 9. 7.0
 10.

●
●
○
●

 11. 19
 12. true
 13. 8
 14. 24
 15. 2.46
 16. 29 February
 17. 6
 18. \$69
 19. south-west
 20. north-west

THURSDAY

1. 2
 2. (a) 4 (b) $\frac{4}{5}$
 3. 1.3
 4. hexagon, rectangle
 5. 19 000
 6. 175
 7. 8.9
 8. 7
 9. 12 pm Sunday

FRIDAY

10. **Σ**
 11. 6.3
 12. 1968
 13. 23
 14. \$50
 15. north-east
 16. 32
 17. 2, 6
 18. true
 19. 50
 20. 6.32

PROBLEM-SOLVING

Monday

1. $360^\circ \div 12$
 2. 21

Tuesday

1. $A = 285, B = 295$
 $C = 310, D = 335$
 2. 5, 6

Wednesday

8	1	6
3	5	7
4	9	2

1.

6	7	2
1	5	9
8	3	4

2.

Thursday

1. 1750
 2. 3260

FRIDAY REVIEW

1. 25
 2. $\frac{6}{9}$
 3. \$24
 4. 199
 5. 20
 6. true
 7. 7.5
 8. 3.41
 9. 52
 10. 10
 11. 225
 12. 2
 13. 180
 14. 117, 126
 15. 1800
 16. 100
 17. 1.55
 18. scalene
 19. $A = a, B = p$
 20. south-east
 21. **vd**
 22. 40
 23. circle, rectangle
 24. 8

25. $\frac{2}{6}$ or $\frac{1}{3}$

WEEK 14 – pages 41–43

MONDAY

1. 375
 2. 1.3
 3. 2, 3, 5, 7
 4. 3.2
 5.

e	0	e
6	7	2
0	0	0
4	5	9
e	0	e
8	3	4

6. odd
 7. 1000
 8. odd
 9. cube
 10. 13
 11. Teacher check
 12. true
 13. (a)–(b) Teacher check
 (c) north-east
 14. 5
 15. May
 16. 4.8
 17. hectare
 18. even
 19. 81
 20. 30

TUESDAY

1. 575
 2. 11, 13, 17, 19

2	9	4
7	5	3
6	1	8

3.
 4. 1300
 5. 7620
 6. true
 7. 2000
 8. triangular prism
 9. 4700
 10. 50 000

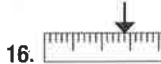
11.

12. 6.4
 13. 2 December
 14. 10
 15. 27
 16. 16 000
 17. 46.5
 18. 5.72
 19. 30°
 20. acute

WEDNESDAY

1. 275
 2. 1300
 3. 2
 4. false
 5. 55
 6. 53
 7. 2990
 8. (a) false
 (b) true
 (c) true
 (d) false

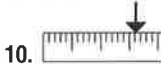
9. 21 June
 10. 2
 11. $\frac{7}{10}$
 12. 3958
 13. \$4
 14. $\frac{7}{10}$
 15. 67



16.
 17. 65
 18. $\frac{2}{3}$
 19. 1090
 20. 69.4

THURSDAY

1. 775
 2. kite
 3. 49
 4. Teacher check
 5. 6
 6. 74.2
 7. 8 pm
 8. 550, 5500
 9. 275



10.
 11. true
 12. 0.7
 13. (a) 8 (b) $\frac{2}{3}$
 14. 1800
 15. 30 March
 16. 28, 35, 42, 49
 17. $\frac{11}{2}$
 18. 6900
 19. $\frac{1}{6}$
 20. 4

PROBLEM-SOLVING

Monday

1. 150
 2. 25

Tuesday

1. 16
 2. 300

Wednesday

1. 25
 2. 22

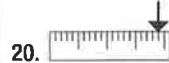
Thursday

1. 400
 2. 35 hectares

FRIDAY REVIEW

1. 675
 2. 16 000
 3. 25, 64
 4. $\frac{5}{6}$
 5. \$3.80
 6. 53.9
 7. 4990
 8. 42, 49, 56, 63
 9. 109
 10. $\frac{9}{10}$
 11. true
 12. 130
 13. true
 14. 7239
 15. 8
 16. 4.29
 17. 4

18. (a) B (b) A
 19. 2400



20.
 21. 29 April
 22. 1600
 23. Teacher check
 24. 13
 25. 40

WEEK 15 – pages 44–46

MONDAY

1. pm
 2. 10
 3. $3\frac{1}{5}, 3.2$
 4. 50
 5. **90**
 6. 10
 7. $\frac{2}{3}$
 8. 4, 7
 9. Teacher check
 10. 18 April
 11. $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{2}{5}, \frac{3}{10}$
 12. 12
 13. 10
 14. 1.5
 15. $\frac{1}{4} + \frac{1}{6}$
 16. Western Australia
 17. 2, 4, 5, 8, 10, 20



18.
 19. 25
 20. 2.4 or 2.5

TUESDAY

1. pm
 2. 30
 3. >10
 4. 250
 5. 5
 6. 6, 1
 7. 7
 8. 125
 9. 204



10.
 11. 50°
 12. 10.0
 13. B
 14. 5
 15. octagon
 16. 4900
 17. 8
 18. 6.12
 19. \$7.60
 20. \$310

WEDNESDAY

1. am
 2. 4, 40, 400
 3. 60, 960
 4. 3
 5. 30 mm
 6. 19 990
 7. 0.6
 8. **KU**

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

9. 12
 10. (a) 6 (b) 6
 11. \$17
 12. south-west
 13. 6.4
 14. 8, 4
 15. (a) 1 (b) 4
 16. Teacher check
 17. 4
 18. $27 \div 9 = 3$
 19. 1.04
 20. 28

THURSDAY

1. pm
 2. 50
 3. 4, 40, 400
 4. 100
 5. pq
 6. 4
 7. 10
 8. 6.8
 9. 55
 10. 5
 11. A, D



12.
 13. 36, 3600
 14. equilateral
 15. 101 000
 16. 8
 17. 60, 3, 4, 3, 180, 12, 192
 18. \$3.50
 19. 1600
 20. 0

PROBLEM-SOLVING

Monday

1. 30
 2. 4

Tuesday

1. 3.5 cm, 3 cm
 2. 2 cm, 5 cm

Wednesday

1. 5
 2. 9

Thursday

1. 6, 5
 2. 120

FRIDAY REVIEW

1. 6, 7
 2. 100
 3. 5
 4. $40 \div 5 = 8$
 5. 2000
 6. 7
 7. 11
 8. 3900
 9. 40, 2, 280, 14, 294
 10. 110 000
 11. 8.5
 12. 8.8
 13. \$15
 14. 1.06
 15. 450
 16. pm

17. 19
 18. pyramid



19.
 20.
 21. 2 May
 22. 3
 23. 3.30 pm
 24. 2
 25. A is equally as likely as B, more likely than D

WEEK 16 – pages 47–49

MONDAY

1. 4
 2. 180
 3. 12
 4. true
 5. 1000
 6. Tea 5, Juice 5, Coffee 10
 7. 28
 8. Teacher check
 9.
 10. 200
 11. $2\frac{3}{4}$
 12. 1.2
 13. 2.00 am
 14. 3.30 pm
 15. 165
 16. 10 000
 17. 72, 96
 18. 400
 19. 7
 20. \$51

TUESDAY

1. 12
 2.
 3. 230
 4. 52, 76
 5. 1400
 6. 354
 7. 9.9
 8. parallelogram
 9. Teacher check
 10. 9850
 11. 20 000
 12. 2990
 13. 16 kg
 14. (a) 180 (b) 171 (c) 162
 15. 70
 16. 10
 17. 2.84
 18. 12
 19. 150
 20. square prism

WEDNESDAY

1. 20
 2. 370, 3970
 3. 7

4. 8
 5. 2990
 6. $1\frac{3}{4}$, 1.75
 7. 2.7
 8. 12, 24, 36
 9. $1\frac{1}{2}$
 10. 20
 11. 19 975
 12. Teacher check
 13. $A = \frac{1}{4}$, $B = \frac{1}{2}$, $C = \frac{3}{4}$
 14. 4
 15. 79
 16. 92
 17. 18 999
 18. 5
 19. (a) 140 (b) 126
 20. 210

THURSDAY

1. 24
 2. 1700 m
 3. \$20
 4. 9, 15
 5. 180
 6. 15, 45
 7. 41.7
 8. $9\frac{1}{2}$
 9. 27
 10. $45 - 4.50 = \$40.50$
 11. south-east
 12. $3\frac{3}{5}$, 3.6
 13. Teacher check
 14. 23
 15. 19×5
 16. 4980
 17. 10.3
 18. 12
 19. 875
 20. \$9.20

PROBLEM-SOLVING

Monday

1. \$1, 10c
 2. 7.60

Tuesday

1. 200
 2. 25
 Wednesday

1. 100
 2. 80

Thursday

1.
 2.
 Friday

FRIDAY REVIEW

1. 16
 2. 413
 3. 30 000
 4. 30.9
 5. 0.03
 6. 775
 7. $3\frac{3}{4}$
 8. \$16
 9. 10
 10. \$12.50

11. 1490
 12. 5980
 13. 50
 14. 52
 15. 30
 16. 9999
 17. 115
 18. 4
 19. north-east
 20. Teacher check
 21. 4
 22. 22
 23. 7.4 km
 24. 80 m²
 25. 3000 m²

WEEK 17 – pages 50–52

MONDAY

1. 10.55
 2. 20 000
 3.
 4. 99
 5. 110
 6. (a) 390 (b) 351
 7. Teacher check
 8. 10
 9. B
 10. (a) $\frac{2}{3}$ (b) $\frac{1}{4}$
 11. 1500
 12. 96, 104, 112, 120
 13. am
 14. 2
 15. 1.4
 16. 50
 17. 30
 18. 750 m
 19. $A = \$4.50$, $B = \$52.50$
 20. 8

TUESDAY

1. 3.10
 2. A
 3. 55
 4. $\frac{3}{4}$
 5. 0.01
 6. 35
 7. 70
 8. August
 9. 7

10. 51
 11. $\frac{2}{100}$
 12. 6.3
 13. 221
 14. 0.75
 15. 27.5
 16. 25 500
 17. 3470
 18. 150 m
 19. $\frac{5}{10}$
 20. 14 000

WEDNESDAY

1. 2.53
 2. 1700
 3. 3:00 am
 4. 54, 60, 66, 72
 5. Teacher check
 6. 0.03 or $\frac{3}{100}$

7. (a) 900 (b) 891
 8. 33
 9. Tuesday
 10. 2
 11. 72
 12. 99.8
 13. 3
 14. 100
 15. $\frac{1}{5}$, $\frac{1}{3}$, $\frac{3}{8}$, 0.55, 0.75



16.
 17. 14 700
 18. 4
 19. 7 km
 20. \$12.50

THURSDAY

1. 2.30
 2. 60
 3. 7
 4. 717
 5. 2.7 or 2.8
 6. 12 hours
 7. 300 000
 8. 200 m
 9. 35
 10. 90
 11. 110 000
 12. 7430
 13. 50, 3, 350, 21, 371
 14. hexagonal prism
 15. (a) 0.7 (b) 2.4
 16. 4
 17. $A = 200$ $B = 600$
 18. 50
 19. 309 000
 20. 72, 80, 88, 96

PROBLEM-SOLVING

Monday

1. 12
 2. 42

Tuesday

1. Teacher check
 2. 4

Wednesday

1. 5, 4
 2. \$8

Thursday

1. 62.4
 2. 9963

FRIDAY REVIEW

1. 30
 2. 99
 3. 40
 4. 30, 36, 42, 48
 5. 40, 4, 240, 24, 264
 6. 3.48
 7. 1.6
 8. 100
 9. $\frac{1}{3}$
 10. 45
 11. 80 080
 12. $1\frac{1}{2}$
 13. $\frac{4}{8}$ or $\frac{1}{2}$
 14. 3.2
 15. 24
 16. $\frac{7}{100}$

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

17. 48
18. 34 672
19. 10 000
20. $A = 400$ $B = 800$
21. 1.25
22. Teacher check
23. 25 hours
24. 59 km
25. 22

WEEK 18 – pages 53–55

MONDAY

1. 2
2. 1 May
3. cone
4. 66
5. 3, 6, 9
6. 9
7. 93, 930
8. 25
9. rectangle-based pyramid
10. (a) 450 (b) 441
11. 25
12. 1.2 m
13. Teacher check
14. $20 + 1 + 0.09$
15. 90
16. true
17. 40, Teacher check
18. 0.1 t
19. 12, 24
20. 3890

TUESDAY


1. 3
2. 4.30 pm
3. 5
4. 40
5. 35
6. 9.5, 38
7. $7 \times 8 = 56$
8. 33
9. 17
10. 50%
11. 6900
12. \div
13. Sunday
14. 36, 45, 54, 63
15. 22
16. 30 June
17. $2\frac{3}{8}$
18. 0.82
19. 58, 580
20. 3 t

WEDNESDAY

1. \$2, \$1, 20c
2. 125
3. 21
4. 20
5. 127
6. 9.9
7. $\frac{1}{8}$
8. 5500
9. $2\frac{4}{5}$
10. \$6.50
11. 20 000

12. 40, 80, 120, 160
13. 5
14. 7
15. 2.5
16. 0.93
17. 9
18. 4, 6, 8
19. 12, 18, 24
20. 360


THURSDAY

1. \$2, \$2, 5c
2. 25
3. 31 July
4. 41
5. H and D
6. 23
7. 0.8
8. 35
9. 4.73
10. 
11. odd
12. 5
13. 5
14. 0.1 km
15. 600
16. 63
17. 16, 58
18. $6 \times 9 = 54$
19. 2.0
20. 9900

PROBLEM-SOLVING

- Monday
1. $12 \times 5 = 60$
 2. 45
- Tuesday
1. 30
 2. 26
- Wednesday
1. No, the load is 300 kg over
 2. 14, 9
- Thursday
1. 2750
 2. 151 750

FRIDAY REVIEW

1. 3
2. 85
3. $6 \times 9 = 54$
4. 40
5. $10 + 8 + 0.1 + 0.08$
6. $3\frac{3}{5}$
7. 4
8. 250
9. 225
10. 10
11. 61
12. \$67.20
13. 1500 m
14. 0.49
15. 20 000
16. 2
17. 31 May
18. 1.4 m
19. 

20. Teacher check
21. 4700
22. 30
23. Teacher check
24. 200 kg
25. $\frac{1}{8}$


WEEK 19 – pages 56–58

MONDAY

1. 12.25
2. 3500
3. 30
4. 31
5. (a) 16 (b) 160
6. 3700
7. $2\frac{1}{4}$
8. 6
9. trapezium
10. \$0.80 or 80c
11. 7241
12. 425
13. 102, 108, 114, 120
14. 2.9
15. 7
16. 360, 18, 378
17. $16 \times 7 = 112$
18. $\frac{6}{9}$
19. 1.4
20. 68 km

TUESDAY


1. am
2. 97
3. $\frac{6}{7}$
4. \$5.20
5. $\$20 - \$14.80 = \$5.20$
6. A
7. $\frac{1}{4}, \frac{5}{10}, 0.65, 0.8$
8. 5.7
9. 90
10. north-west
11. 0.75
12. 366
13. 40.9
14. 409
15. Teacher check
16. (a) 290 (b) 261
17. 18.7

18. 
19. 15, 30, 45
20. 0.9


WEDNESDAY

1. 12.10
2. 9104
3. 994
4. $7\frac{6}{10}$
5. 5000 L
6. 23
7. 4600
8. 28 915
9. 200, 400, 600
10. south-west

8	1	6
3	5	7
4	9	2

- 11.
12. the number of people living in a town
13. 40
14. 6495
15. 2300
16. 
17. 3.1
18. extremely hot
19. 3.0
20. 325

THURSDAY

1. 8.50
2. $\frac{1}{2}$ of \$1000
3. 48
4. (a) 25 (b) 80
5. 3.4
6. 870
7. 99 000
8. 160
9. 3
10. false
11. 
12. 66 km
13. 9 t

15	30	45	60
75	90	105	120
135	150	165	180

- 14.
15. 1.9
16. 8079
17. 219
18. 4.2
19. 9
20. 6, 5


PROBLEM-SOLVING

- Monday
1. 4
 2. 4 and 5 visits
- Tuesday
1. 168
 2. 2:30 am
- Wednesday
1. 100, 20, 5
 2. \$12.50
- Thursday
1. 30
 2. 5

FRIDAY REVIEW


1. true
2. 43
3. 420, 21, 441
4.

7	14	21	28	35
42	49	56	63	70
77	84	91	98	105
5. 8.9
6. 90 000
7. 211
8. 50, 100, 150
9. 270
10. \$1.90

11. 0.48
12. $4\frac{3}{8}$
13. 25 025
14. 0.5
15. 2749
16. $4\frac{3}{10}$
17. 9107
18. 1.1
19. 0.7
20. 2030
21. 6 t
22. south-east
23. 
24. A
25. 320

WEEK 20 – pages 59–61

MONDAY

1. \$1, 50c, 20c, 20c
2. 997
3. 140 m
4. 731
5. 
6. 1800
7. 36
8. 40 000
9. 65°
10. 150
11. 13.5
12. no
13. Teacher check
14. 900
15. 1.8
16. 170
17. 250
18. 32
19. 120
20. 2500

TUESDAY

1. \$2, 20c, 10c
2. 35
3. no
4. 12.5
5. 230
6. 15.20
7. 1080
8. isosceles
9. 7.3
10. 8407
11. rectangle
12. 4.5
13. 9
14. 25
15. \$25
16. 60
17. 120
18. 0.5
19. 250
20. 0.25

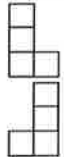
WEDNESDAY

1. \$2, \$1, 50c, 20c, 5c
2. 2089

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

3. 4.1
4. 2.7
5. 1:00 am
6. 350
7. 19.5
8. triangular pyramid
9. 6
10. 1250
11. $\frac{3}{4}$
12. 120
13. 6
14. 250
15. D
16. \$250
17. 8
18. 20 cm
19. 162
20. $5\frac{1}{4}$

THURSDAY


1. \$2, \$2, 50c, 10c
 2. 4:00 pm
 3. \$450
 4. 270
 5. $\frac{8}{1000}$
 6. \$23
 7. 161
 8. 6
 9. 121
 10. $9\frac{1}{2}$
 11. 27
 12. 27 973
- 
- 13.
 - 14.
 15. $50 - 26 = 24$
 16. 2.1
 17. (a) 10 (b) 20
 18. 104 067
 19. 26.3
 20. 263

PROBLEM-SOLVING

- Monday
1. 0.25, 0.50, 0.75, 1.00
 2. 10 in 20 or 1 in 2
- Tuesday
1. A
 2. A
- Wednesday
1. 50
 2. 9
- Thursday
1. 705
 2. 685

FRIDAY REVIEW

1. \$2, \$1, 20c, 10c
2. 46
3. 50
4. $5\frac{6}{9}$
5. $15\frac{1}{2}$
6. 15
7. 320
8. 113
9. 25, 20

10. 48
11. 210
12. 205 020
13. 6.5
14. 292
15. 25 000
16. 37
17. 0.25
18. 90
19. 
20. 50°
21. no
22. scalene
23. 160 m
24. 3
25. \$400

WEEK 21 – pages 62–64

MONDAY

1. 3
2. 176, 180, 184, 188
3. 0
4. 12:30 am
5. 0.1
6. 1 in 6
7. 0.5, 1.0, 1.5
8. $\frac{1}{2}$ or 0.5
9. Teacher check
10. false
11. 48
12. 6, 12
13. 90°
14. 0.1
15. 26
16. 70
17. length
18. 4
19. 110
20. 50 050

TUESDAY

1. 6
2. octagon
3. 108
4. 40
5. 00:00
6. 10
7. 342, 378
8. E, F
9. 4, 9
10. 180°
11. 3.9
12. 1.5
13. L
14. $65 + 7 = 72$
15. 24
16. true
17. (a) 0 (b) 140
18. 12 012
19. 40
20. (a) 25 (b) $12\frac{1}{2}$

WEDNESDAY


1. 7
2. 106, 1060
3. 97, 997

4. 54
5. hexagon
6. 3:00 am
7. 0.7
8. 1000
9. 36, 45, 54, 63
10. 4, 5
11. 7
12. 20
13. 1000
14. 2
15. leap year
16. Answers will vary
17. 59.2
18. 10 999
19. $5\frac{1}{4}$
20. 180

THURSDAY

1. 9
2. 90, 95, 100, 105
3. 3000
4. 1:00 am
5. 100
6. 94, 994
7. 200
8. 3.7
9. $7 \times 7 = 49$
10. 60°
11. 12, 1.2
12. 52
13. 9
14. Teacher check
15. $\frac{7}{10}$
16. 200 000
17. 130, 1300
18. 72.3
19. less likely
20. rhombus C
kite B
trapezium A

PROBLEM-SOLVING

- Monday
1. 3 m
 2. 8 m
- Tuesday
1. 
 2. 525 m^2
- Wednesday
1. 1:00 am
 2. 6:00 pm
- Thursday
1. Teacher check
 2. 400

FRIDAY REVIEW

1. 4
2. 21
3. 95
4. 111 000
5. \$6.50
6. 8, 9
7. $\frac{1}{4}$
8. 90
9. 60
10. 4
11. 100

12. 361, 399
13. 130
14. 1.1
15. 1.7
16. $6 \times 7 = 42$
17. 15
18. 210
19. 27
20. hexagon
21. Teacher check
22. 1:00 pm
23. 90°
24. 28
25. $\frac{4}{8}$ or $\frac{1}{2}$

WEEK 22 – pages 65–67

MONDAY

1. 1000
2. 102, 108, 114, 120
3. no
4. 3:00 am
5. 2002, 2020, 2022, 2202, 2220
6. (a) 2 (b) 1
7. 29
8. 0.1
9. 360
10. 92, 992
11. 90°
12. 003
13. 8, 16, 24
14. 1.5
15. 300
16. false
17. kg, g
18. 54
19. 21
20. 25.5

TUESDAY

1. 1400
2. 5, 500
3. 0.04 or $\frac{4}{100}$
4. 2 or two
5. 2400
6. 3 or three
7. 9
8. 20:00
9. 7090, 7019, 7009, 4998
10. 0.5
11. 0.7
12. L, mL
13. 97, 997
14. (a) 10 (b) 8
15. 30
16. 3
17. 207
18. 9
19. 26
20. Teacher check

WEDNESDAY

1. 1200
2. 3.49
3. 0.09
4. 36.5
5. 300 m
6. 1700

7. 5
8. 2010, 2012, 2100, 2110
9. 4
10. 406, 434
11. 0.7
12. 12:30 pm, 2:00 pm
13. 39
14. 180
15. 50
16. (a) 1, 2, 1, 2, 1, 3
(b) $\frac{3}{8}$ or $\frac{1}{2}$
17. 50
18. 96, 996
19. 6
20. 14, 28

THURSDAY

1. 1300
2. 23:30
3. 885
4. 98, 998
5. 3100
6. 1.3
7. 39
8. 928
9. 1.0
10. 500
11. 4089, 4098, 4890, 4980
12. 23.5
13. 90°
14. mL
15. 32, 40, 48, 56, 64
16. 80, 200, 240, 280
17. 30 000
18. 0.296
19. rectangle
20. \$7.50

PROBLEM-SOLVING

- Monday
1. Teacher check
 2. 200
- Tuesday
1. 5
 2. 0, 5
- Wednesday
1. 35 mm
 2. 135 mm
- Thursday
1. 10
 2. 55

FRIDAY REVIEW

1. 1400
2. 93, 993
3. 004
4. 10.5
5. \$375
6. 237
7. 70
8. 130
9. 0.03
10. 4040, 4304, 4340, 4403, 4430
11. 007
12. 69.3
13. 35

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

14. 68
15. 1.0
16. 21
17. 7
18. 9199, 9899, 9964, 9989
19. 0.5
20. 0.9
21. 180
22. 08:00
23. $\frac{1}{4}$
24. 9
25. 4 in 6, $\frac{4}{6}$ or $\frac{2}{3}$

WEEK 23 – pages 68–70

MONDAY

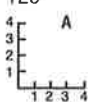

1. 2750
2. 197
3. 250 mL
4. 30 cm
5. 100
6. 1, 0.9, 0.5, 0.1
7. 200 000
8. 1.42, 142
9. $7\frac{1}{2}$
10. 12:05 am
11. (a) 24 (b) 48
12. \$100
13. 10
14. 2, 3, 4, 6
15. 2.3
16. (1, 2)
17. 7
18. Answers will vary
19. $60 \div 10 = 6$
20. $\frac{4}{5}$

TUESDAY

1. 1750
2. 8
3. 106, 1006
4. (a) 6 (b) 60
5. $8\frac{3}{5}$, 8.6
6. (a) 0 (b) 90
7. 1.09, 109
8. (a) $3\frac{1}{2}$ cm (b) 3 cm (c) $3\frac{1}{2}$ cm
9. 24
10. 35
11. 10:35 am
12. 2, 12
13. 4, 1
14. 75
15.
16. \$27.50
17. 30
18. \$275
19. 22.5
20. 4

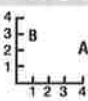
WEDNESDAY

1. 3650
2. 108, 1008
3. \$65 000
4. 10

5. 450
6. 390
7. 120
8. 
9. 9
10. 69.2
11. 
12. $3\frac{3}{6}$
13. $(80 \times 4) + (3 \times 4) = 320 + 12 = 332$

14. \$16.40
15. 12, 24
16. acute
17. 1.86, 186
18. Answers will vary
19. 0.5
20. $\frac{2}{3}$

THURSDAY

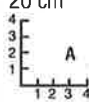
1. 
2. 4650
3. 6.45 am
4. 125
5. 0.4, 0.7, 0.8, 1.0, 1.2
6. 28 km²
7. 25, 50%
8. 2.7
9. \$8.30
10. 0000
11. 20
12. 280
13. 56
14. 2200
15. 2, 3
16. 1.9
17. 6
18. 8
19. 12 hours
20. 160

PROBLEM-SOLVING

- Monday
1. 2100
 2. 2100
- Tuesday
1. Teacher check
 2. 17, 16
- Wednesday
1. 24
 2. 56
- Thursday
1. 8:37 am
 2. 11:37 pm

FRIDAY REVIEW

1. 2750
2. 2018, 2081, 2180, 2810
3. 40
4. 170 000
5. \$8.20
6. \$18.30
7. 9

8. 9
9. 128
10. 105, 1005
11. 1.0
12. 0.8
13. 240
14. 10, 20
15. 2100
16. $18\frac{1}{2}$
17. 36
18. 20 cm
19. 
20. cm
21. 20
22. 5
23. 40 km
24. Answers will vary
25. 150

WEEK 24 – pages 71–73

MONDAY

1. 7.35
2. \$2.50
3. \$72.00
4. 9.8
5. 2006
6. 0.001
7. 2.34
8. 90
9. Teacher check
10. 2.1
11. 8000
12. 210
13. pentagon
14. 180°
15. 1500
16. 10
17. 100
18. 20
19. \$315
20. 997

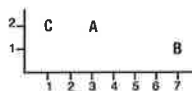
TUESDAY

1. 2.7
2. 21:00
3. 2.68
4. 200, 300
5. 85
6. 152, 156, 160, 164
7. $\frac{3}{4}$
8. 180°
9. $4 \times 8 = 32$
10. $5\frac{1}{3}$
11. 1.007, 1.015, 1.07, 1.278, 1.35
12. 30
13. 40
14. 52
15. Answers will vary
16. 1500
17. $\frac{2}{3}, \frac{3}{5}, \frac{4}{10}, \frac{1}{4}$
18. 0.25
19. 7 cm
20. $\frac{2}{6}$ (or $\frac{1}{3}$), $\frac{4}{6}$ (or $\frac{2}{3}$)

WEDNESDAY

1. 22:00
2. 4, 2
3. 2.4
4. 1.60
5. 360°
6. 6.42
7. 1995
8. $20 \times 12 = 240$
9. 7
10. 1.4
11. 42
12. 4004, 4040, 4400, 4440
13. 8
14. 8 USB drives for \$48.80
15. \$25
16. 9950
17. 33.5
18. 9.8
19. 200 m²
20. (a) 25 m (b) 175 m²

THURSDAY

1. 11.55
2. 3.6
3. 9740
4. 25
5. 29
6. 
7. 28
8. 1.5
9. 2998
10. 130
11. x
12. odd
13. $\frac{7}{20}$ or 0.35 or 35%
14. $\frac{7}{7}$
15. 1500
16. (a) $\frac{2}{5}$ or 40% (b) $\frac{3}{5}$ or 60%
17. 140
18. 40
19. \$1, 10c
20. \$7.60

PROBLEM-SOLVING

1. 2055
 2. 1400
- Tuesday
1. Slam dunk
 2. 300 509
- Wednesday
1. -\$8
 2. Matt
- Thursday
1. B
 2. A



FRIDAY REVIEW

1. 2.1
2. 140
3. 35, 35
4. thousandths
5. 6.34

6. 45
7. 7000
8. 1.009, 1.019, 1.19, 1.9
9. 23.5
10. 2, 3
11. 1996
12. false
13. 79
14. 600
15. $3 \times 7 = 21$
16. 99 950
17. 195
18. 21:10
19. 180°
20. 250
21. 12.7
22. 20 mins
23. 2500
24. 6
25. $\frac{6}{20}$ or 30% or 0.3

WEEK 25 – pages 74–76

MONDAY

1. 4
2. 21, 24, 27, 30
3. 
4. 9100
5. 4.65
6. $12\frac{1}{2}$
7. rectangle
8. 340
9. 
10. 1
11. 2
12. 77
13. 1 October
14. 9
15. Sunday
16. \$21
17. \$960
18. months
19. February
20. August

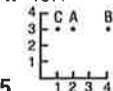
TUESDAY

1. \$2, \$1, 50c, 10c
2. 474
3. \$60
4. (4, 3)
5. \$28
6. 2.31
7. 5
8. circle
9. 1 in 2, or $\frac{1}{2}$ or 50%
10. 14
11. true
12. 3200
13. 0.08
14. \$75
15. 3
16. 19 000
17. 9
18. 750
19. 25

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

20. 125 g

WEDNESDAY

1. 1 100 000
2. 1.3
3. \$41
4. 40.1

- 5.
6. 9.99
7. 60, 75
8. circle
9. 25
10. Y
11. 48, 44, 40, 36
12. 30 April
13. 4.0
14. Thursday
15. 20
16. 40
17. \$15 001 – \$20 000
18. 25
19. \$12.10
20. 19 990

THURSDAY

1. 140 000
2. 65c
3. 8.10 am
4. 81
5. 10
6. 8.94
7. 5
8. \$38
9. 2
10. triangle
11. (a) 5 cm (b) 4 cm
(c) 2 cm (d) 3 cm
12. 1500
13. Teacher check
14. 30
15. $\frac{9}{1000}$ or 0.009
16. 24
17. 3-dimensional or 3D
18. Teacher check
19. $\frac{4}{12}$ or $\frac{1}{3}$
20. 445 100

PROBLEM-SOLVING

- Monday
1. 40
 2. 5
- Tuesday
1. 76 m²
 2. 10 m
- Wednesday
1. 400
 2. 17, 14
- Thursday
1. 5
 2. 20

FRIDAY REVIEW

1. 5
2. \$50
3. 3
4. 650
5. 4


6. 50
7. 195
8. 3, 8
9. 79
10. \$10.10
11. 40
12. 8100
13. \$1500
14. 7
15. false
16. 8.15 pm
17. 2.9
18. \$45 000



- 19.
20. Saturday
21. circle
22. 12
23. 4
24. February
25. August

WEEK 26 – pages 77–79

MONDAY

1. 900 m
2. 3, 5, 11
3. \$10
4. \$5 each
5. 0.8
6. 2750
7. 5.5
8. 9
9. 
10. 28, 4
11. 09
12. true
13. 400 kg or 0.4 t
14. 0.49
15. 29 February
16. 9
17. 6 pm
18. 25 December
19. $4 \times 7 = 28$
20. \$125

TUESDAY

1. 400
2. Sunday
3. (a) 7 (b) 07
4. 40 g = 5
15 g = 13
Total = 18
5. 75
6. 75
7. 15
8. rhombus
9. odd
10. 24
11. 430
12. 968
13. thermometer
14. 1350
15. $3\frac{1}{2}$ hours or
3 hours 30 mins
16. 72
17. \$37.50
18. 2.01

19. 237
20. 2

WEDNESDAY

1. 99 980
2. 58
3. 0.58
4. 56
5. 2
6. 139
7. 3.08
8. isosceles
9. 5
10. Teacher check
11. 5
12. 25, 25
13. 4
14. 1885
15. 12
16. 1, 4
17. 35
18. (a) 150 (b) 300
19. 2576
20. 12

THURSDAY

1. 36
2. 293
3. 4
4. 130 cm
5. 75, 75
6. 12
7. 285
8. 125
9. $5\frac{1}{2}$ hours
10. 7100
11. hexagon
12. $\frac{1}{4}$
13. 24, 48, 56, 64
14. (a) 25 mm (b) 25 mm
(c) 20 mm (d) 50 mm
15. \$19.20
16. 12, 1.2
17. 57 057
18. 10
19. 46
20. 46

PROBLEM-SOLVING

- Monday
1. 0.5
 2. equally likely
- Tuesday
1. 1200 mL or 1.2 L
 2. 300 mL or 0.3 L
- Wednesday
1. 13
 2. 1850
- Thursday
1. 400 mL
 2. Teacher check

FRIDAY REVIEW

1. \$20.50
2. 0.68
3. \$189
4. 125
5. 80
6. 45
7. 5100

8. 15, 1.5
9. 1 200 000
10. 259
11. even
12. 160
13. 75, 75
14. 80
15. 4.01
16. \$275
17. 12, 16
18. 3850
19. 29
20. 267
21. 12
22. 15
23. 7, 5
24. $2\frac{1}{2}$ hours
25. (a) 150 (b) 75
(c) 75

WEEK 27 – pages 80–82



MONDAY

1. 11.50
2. 2.78

4	3	8
9	5	1
2	7	6
- 3.
4. 30
5. 3.0
6. 380
7. 750 L
8. 4
9. 2
10. 004
11. 8

7	14	21	28	35
42	49	56	63	70
- 12.
13. \$3.10
14. 2.45 pm
15. 8
16. (a) 40 (b) 40
17. Teacher check
18. square-based pyramid
19. 8
20. 5

TUESDAY

1. \$2, \$2, 50c, 20c, 5c
2. 1.0
3. 9.05 am
4. true 
5. 20.0
6. 370
7. true
8. 30 000
9. Adelaide 2.45 pm
Perth 4.45 pm
Melbourne 4.15 pm
10. 10
11. 
- 12.
13. $\frac{2}{8}$ or $\frac{1}{4}$ or 0.25 or 25%
14. 3
15. ●★

16. 75
 17. 2, 3, 4, 6, 8, 12
 18. 950 000
 19. pentagonal prism
 20. 7
- WEDNESDAY**
1. \$2, 50c, 20c and 20c
 2. 293
 3. 30
 4. \$12
 5. 6
 6. 1, 6
 7. 380
 8. 32 000
 9. 17
 10. 1.19, 1.019, 0.19, 0.019
 11. ÷
 12. A = 965 B = 985
C = 990 D = 1005
E = 1015
 13. \$3.00
 14. 2
 15. 3
 16. 40
 17. 80.5.
 18. \$1.90
 19. 12, 24, 36
 20. 12

THURSDAY

1. 0205
2. 3900
3. (a) 1007 (b) 10 007
4. 700
5. 0.002 or $\frac{2}{1000}$
6. 250
7. (a) 009 (b) 023
8. 12.55
9. 60°
10. true
11. 14
12. –
13. (a)–(b) Teacher check
14. \$6
15. 2
16. 6.36
17. \$11.50
18. 0.008
19. 200
20. 800

PROBLEM-SOLVING

- Monday
1. 6
 2. 400
- Tuesday
1. 159
 2. 165
- Wednesday
1. $36 \div 12 = 3$
 2. TT, HT, TH
- Thursday
1. $5\frac{1}{2}$
 2. 165
- FRIDAY REVIEW**
1. \$2, \$1, 50c, 20c, 20c

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS


- 1005, 10 005
- 393
- 15
- 6
- true
- 42
- x
- 003
- 7
- 12
- 60
- 3
- 4
- \$13.50
- 2355
- 19
- A = 305 B = 295
- octagon
- Teacher check
- pentagonal prism
- 15
- 25%
- 0.25
- 0.5

WEEK 28 – pages 83–85

MONDAY

- 75
- 10 006
- 6
- 0.25
- \$10.00
- 18
- \$12
- false
- 775
- 18 000
- true
- 150, 10, 3, 163
- no
- 35 minutes
- 7.33
- 36
- 20
- 0.84
- 52
- 10 000

TUESDAY

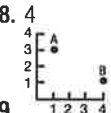
- 275
 - 294
 - 0.75
 - 54
 - 2.3
- 
- 42
 - rectangle
 - 100
 - 464
 - odd
 - 046
 - 45
 - 12, 24, 36
 - 40, 4, 280, 28, 308
 - 4.0
 - 8991

- 2099
- Teacher check
- Teacher check

WEDNESDAY

- 375
- 84
- 3
- 792
- 29 March
- 1.8
- 977
- rectangle
- 400
- 14, 1.4
- 90°
- 1023
- \$22
- 2, 400
- 50 g
- 4, 6
- 100 000
- 9
- \$250
- 60 cm

THURSDAY

- 675
 - 45 minutes
 - 9966
 - 52
 - 71
 - 5100
 - 230
 - $\frac{2}{1000}$
 - 250
 - odd
 - 1.4
 - 15, 1.5
 - 200 000
 - 50
 - 1.3
 - 28
 - 110 010
 - 4
- 
- south-east

PROBLEM-SOLVING

Monday

- 25
- 5×0.1
- 5×10
- 5×100

Tuesday

- $70 \div 0.1$
- 70×1
- $70 \div 10$

- 56

Wednesday

- \$145
- =

Thursday

- 7, 8
- 4, 9

FRIDAY REVIEW

- 475

- 80
- 50, 25, 10, 2, 87
- 0.6
- 9, 0.9
- 405
- 66
- 225
- $\frac{8}{1000}$
- 464
- 2.4
- 48
- 3.94
- 75
- 45
- 101 010
- 95
- even
- 6 hours, 40 minutes
- 2, 700
- rectangle
- 26
- 28
- north-east
- 16

WEEK 29 – pages 86–88

MONDAY

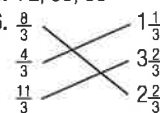
- \div
- 325 g
- 1.00 am
- 9
- 4.5
- 200 000
- 12, 0.12
- 1.7
- even
- 150
- 2
- 3.6
- C
- \div
- 10 000, 1
- Perth 5.30 pm
Sydney 3.30 pm
Darwin 5.00 pm
- 5067
- 225
- isoceles
- 1

TUESDAY

- Teacher check
- odd
- 1.3
- 2300
- 1 400 000
- Teacher check
- 497
- cube
- \$9.50
- trapezium
- $8.4 \times 10 = 84$
- 14
- 15
- 23 km
- 7.30
- 150

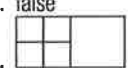
- \$195.00
- 133, 126
- 72 596
- 9830

WEDNESDAY

- 8762
 - 9
 - 2800
 - 3.0
 - $\frac{10}{10}$ or 1
 - 8
 - 9999, 10 000
 - pyramid
 - 700 000
 - 13
 - 140 000
 - 60
 - false
 - mL
 - 72, 80, 88
 - $\frac{8}{3}$
- 

- 12
- 30
- 40
- \$25

THURSDAY

- 7
 - 16
 - false
- 
- $\frac{7}{4}$
 - 1200
 - 350
 - 10.0
 - 2, 7
 - 8, 0.8
 - 10
 - 18
 - Teacher check
 - 2, 7
 - 32
 - 13 083
 - 1600
 - 1 100 000
 - 312, 304, 296
 - A

PROBLEM-SOLVING

Monday

- 84 m
- 60 m²

Tuesday

- 48
- \$360

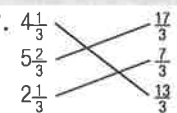
Wednesday

- $26 \times \$2 = \52
- 2 in 8

Thursday

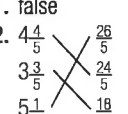
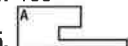
- 3 avocados priced at \$8.25
- 23

FRIDAY REVIEW

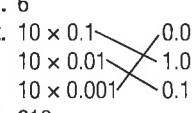
- $\frac{41}{3}$
 - 48
 - 11
 - 396
 - 3.0
 - 017
 - false
 - 130
 - 1 300 000
 - 400 000
 - 13, 0.13
 - 1800
 - 42 100
 - \$255
 - 8
 - 400 000
 - 20 000
 - 9967
 - 2.8
 - Teacher check
 - 3, 9
 - 45
 - 10 000
 - 10 am
 - 25
- 

WEEK 30 – pages 89–91

MONDAY

- 1810
 - 23
 - 2, 3, 4, 6
 - 2, 2
 - 6295
 - 365
 - 60
 - 100 000
 - no
 - 20 000
 - false
 - $\frac{44}{5}$
 - 46
 - 165
 - 24, 30, 42, 54
 - 49 490
 - odd
 - 190 km
 - 95 km
- 
- 

TUESDAY

- 6
 - 10×0.1
 - 310
 - 4.0
 - 121
 - 3.2
 - 25
- 

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

8. 2, 3, 6, 9
9. Teacher check
10. $7 \times 10\,000$
11. 23 000
12. 6
13. 60
14. 5500
15. \$7.30
16. 0.974
17. 7
18. odd
19. 0.3
20. 0.4

WEDNESDAY

1. 50
2. $\frac{5}{6}$
3. (a) 8 (b) 0.8
4. \$6.10
5. 111
6. 17, 1.7
7. 52 000
8. 9
9. Teacher check
10. 2.7
11. 12
12. 134
13. 29 September
14. \$1500
15. 98
16. Tuesday
17. $\frac{31}{5}$ $\frac{24}{5}$ $\frac{28}{5}$ $\frac{44}{5}$ $\frac{53}{5}$ $\frac{61}{5}$
18. 120
19. 1 km
20. 12.8

THURSDAY

1. 2800
2. Teacher check
3. 94, 994, 9994
4. (a) 1, 2 (b) 6, 2
5. \$10.50
6. 7
7. 0.2, 3.2
8. (a) $\frac{19}{30}$ or $\frac{1}{3}$
(b) $\frac{6}{30}$ or $\frac{1}{5}$
9. 72
10. 1
11. 3400
12. 35 minutes
13. 25 500
14. $\frac{1}{4}$
- 15.
16. 160
17. 5000
18. 41
19. 31
20. $\frac{10}{100}$ or 0.1 or 10%

PROBLEM-SOLVING

Monday

1. yellow 0.2
red 0.3
green 0.4

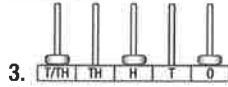
2. green
Tuesday
1. 8, 3
2. 8
Wednesday
1. 12, 3
2. 19, 18
Thursday

Thursday

1. \$60
2. \$7.50

FRIDAY REVIEW

1. 1996
2. 8375



3. 8×1000
4. 8×1000
5. 210
6. 64 000
7. \$12.50
8. 4.5
9. 128
10. 6
11. 89
12. 0.3
13. 784
14. 18.9
15. 8740
16. 20 000
17. $\frac{4}{8}$ or $\frac{1}{2}$
18. 365
19. octagon
- 20.
- 21.
22. 45
23. 180 km
24. 90 km
25. 9, 10, 9

WEEK 31 – pages 92–94

MONDAY

1. 1978, 2011, 2101, 2110
2. $\frac{7}{1000}$
3. 62
4. 2500
5. 2, 4, 8
6. 90, 54, 144
7. 9, 0.9
8. 60°
9. rectangular prism
10. $\frac{4}{5}$ or $\frac{1}{2}$ or 0.5 or 50%
11. 4
12. 0.013, 0.13, 1.013, 1.13
13. 500
14. 150
15. 61
16. 60
17. 9
18. 90
19. 4 hours 40 minutes
20. 250

TUESDAY

1. 11 111, 11 100, 11 010, 11 001
2. 12 000
3. 3500
4. 1.1
5. 3
6. 101
7. 0.63
8. $\frac{12}{5}$ $\frac{18}{5}$ $\frac{14}{5}$ $\frac{33}{5}$ $\frac{22}{5}$ $\frac{24}{5}$
9. 75
10. q
11. 80
12. 70, 49, 119
13. 1000
14. 8
15. 9, 7
16. 14
17. 125
18. 4
19. 3 and 4 visits
20. 65

WEDNESDAY

1. 4040, 4044, 4400, 4404
2. 555
3. 7
4. 3500
5. 40
6. 2, 3, 4, 6, 9, 12, 18
7. 130
8. (a) $\frac{6}{16}$ or $\frac{3}{8}$
(b) $\frac{2}{16}$ or $\frac{1}{8}$
(c) $\frac{4}{16}$ or $\frac{1}{4}$
9. 5
10. 15 t
11. 20.0
12. 9
13. Wednesday
14. 4
15. 61
16. 15
17. 305.00
18. 1.3
19. 200
20. 8950

THURSDAY

1. 19 909, 19 900, 19 090, 19 009
2. 2, 3, 4, 6, 8, 12
3. 357
4. 10.0
5. 50 cm
6. 100
7. $\frac{4}{5}$ or $\frac{2}{3}$
8. $\frac{7}{7}$
9. 7
10. 200
11. \$209.00
12. 2 605 008
13. 19
14. Thursday

15. 50
16. A
17. 80, 32, 112
18. 621, 612, 603
19. (a) even (b) odd
20. 490

PROBLEM-SOLVING

Monday

1. 300
2. 171 500
Tuesday

1. 9, 6
2. \$1500
Wednesday

1. 2400
2. cone
Thursday

1. 5
2. $2\frac{1}{4}$ kg

FRIDAY REVIEW

1. 15 005, 15 050, 15 505
2. 133
3. 30.0
4. \$306.00
5. 72
6. $\frac{3}{1000}$
7. 37
8. 5500
9. 632, 624
10. 008
11. 90
12. 1
13. 48
14. 500
15. 22
16. 499.50
17. pentagonal prism
18. 11
19. B
20. 59 or 60
21. 15
- 22.
23. \$1
24. Red 4, Blue 2, Green 2
25. Red

WEEK 32 – pages 95–97

MONDAY

1. 2.45
2. 20, 1, 0.3
3. 209
4. \$8.50
5. 3.3
6. 61
7. 16 000
8. 389
9. Teacher check
10. \$2.50
11. (a) $\frac{1}{2}$ (b) $1\frac{2}{3}$
12. 123
13. 2 cm or 20 mm
14. 200
15. 1.02

16. 1800
17. 84
18. 1500
19. 8
20. 2200

TUESDAY

1. 93, 7
2. 36
3. \$5.60
4. 4, 0.8
5. 5.5
6. 4, 6
7. 20, 8, 0.3, 0.07
8. 25 minutes
9. Teacher check
10. $1\frac{1}{4}$
11. 1.5 cm or 15 mm
12. 12
13. 750
14. 434 000
15. 5, 2 or 5.4
16. 288
17. 5
18. $\frac{12}{20}$ or $\frac{3}{5}$
19. $\frac{5}{20}$ or $\frac{1}{4}$
20. $\frac{3}{20}$

WEDNESDAY

1. Teacher check
2. 823
3. 32, 64
4. 308 000
5. 9
6. 73.25
7. \$20 each
8. $\frac{1}{8}$, $\frac{1}{5}$, $\frac{1}{3}$, $\frac{1}{2}$




- 9.
10. 3, 7
11. 6.7
12. 6
13. 18
14. $1\frac{1}{4}$
15. 75
16. 8 cm³
17. 400
18. 0.25
19. 1550
20. 85

THURSDAY

1. 6.40
2. 20 minutes
3. true
4. 62
5. 5.5
6. 9900
7. 45
8. 42
9. Teacher check
10. $2\frac{3}{5}$
11. 75
12. 580
13. 42.96
14. \$1.40

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

- 
- 15.
 16. 2, 3, 5, 6, 10
 17. 1 in 6 or $\frac{1}{6}$
 18. B
 19. 3.8
 20. 25.5 or $25\frac{1}{2}$

PROBLEM-SOLVING

Monday

1. 15
2. 16

Tuesday

1. \$50
2. 5000 g

Wednesday

1. 160
2. 7, 8

Thursday

1. 21 April, 19:00
2. 1415

FRIDAY REVIEW

1. 6, 1 or 6.5
2. 72, 64, 56
3. 1350
4. 763 000
5. 34, 53
6. 21
7. 7900
8. 385
9. 20, 4, 5, 06
10. 7
11. 7.88
12. 7.9
13. 2800
14. \$7.20
15. $2\frac{3}{4}$
16. 489
17. $15\frac{1}{2}$ or 15.5
18. \$3.20
19. 3.55

20. 61
21. 12



23. Teacher check
24. A

25. 100% or *certain* or 1.0

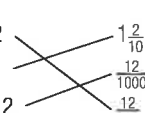
WEEK 33 – pages 98–100

MONDAY

1. 3, 0.2
2. 12
3. 3
4. 4.5 or $4\frac{1}{2}$
5. 935 200
6. 0.003 or $\frac{3}{1000}$
7. $9\frac{2}{6}$
8. 25, 5
9. 160
10. 10:40
11. 9000
12. 25.55
13. (a) \$75

- (b) \$225
14. a = 3 m
b = 8 m
 15. 383
 16. 9
 17. 2
 18. 0.1 seconds
 19. square
 20. Odd/Prime
3, 5, 11, 23, 7, 13
Odd/Composite
5, 15, 21
Even/Prime
2
Even/Composite
4, 10, 6, 18, 30, 20

TUESDAY

1. 7, 05
2. 9.50 am
3. (a) 20 (b) 70
4. $40 \div 5 = 8$
5. 94, 994
6. $2 \times 100\ 000$
7. pyramid
8. 9
9. 0.12 
10. 49.9 sec – 2nd,
49.4 sec – 1st
11. 44.29
12. 8:30 pm
13. $5\frac{2}{3}$
14. 5
15. \$200
16. 4.0 or 4




- 17.
18. 6
19. 0.5
20. 0.01

WEDNESDAY

1. 07
2. 2.7
3. 300 000
4. 529 900
5. 1 000 000
6. 4
7. $4\frac{2}{5}$
8. Teacher check
9. 25.9
10. 0.3, 0.6, 0.9
11. 2:35
12. 59.99
13. 2, 3, 4, 6, 8, 12
14. $100\ 000 + 21\ 000 + 121$
15. 13
16. 8
17. 5
18. B
19. 59.094 sec – 2nd
59.009 sec – 1st
59.109 sec – 3rd
20. 324, 5

THURSDAY

1. 4, 06
2. $1\frac{2}{4}$ or $1\frac{1}{2}$
3. $4 \times 100\ 000$
4. vertical
5. 40
6. 7000
7. 48 square units
8. 
9. 11
10. 1 001 010
11. 125.51
12. 9999, 9998, 9997
13. 61
14. 52
15. 2160
16. B and C
17. circle
18. 3:40
19. 2.0, 2.001, 2.01, 2.1, 2.11
20. 74

PROBLEM-SOLVING

Monday

1. \$8
2. 8

Tuesday

1. 45 km
2. 8

Wednesday

1. 30
2. \$75

Thursday

1. 168 cm
2. Albany, Roma

FRIDAY REVIEW

1. 36, 54
2. 283
3. $3 \times 100\ 000$
4. 114
5. 0.007 or $\frac{7}{1000}$
6. 11
7. 2.4
8. 594
9. 59.094 sec – 2nd
59.009 sec – 1st
59.109 sec – 3rd
10. 792, 4
11. 1 000 100
12. 4
13. 3.0
14. 7000
15. 17
16. $4\frac{2}{5}$
17. 243
18. 94
19. square
20. 3:50 pm
21. Teacher check
22. Teacher check
23. B
24. 9.50 am
25. A and B

WEEK 34 – pages 101–103

MONDAY

1. 12.55
2. 350 000
3. 30 June
4. 90
5. 18:10
6. $1\frac{3}{5}$
7. 450
8. 10 000
9. Teacher check
10. 23, 31
11. 83
12. Hobart
13. 240, 228
14. $1\frac{2}{8}$
15. circle
16. 8
17. 6000
18. 54.25
19. $\frac{1}{3}, \frac{1}{2}, \frac{4}{5}$
20. 2, 72

TUESDAY

1. 20:45
2. 4069
3. 1 November




- 4.
5. $5\frac{3}{5}$
6. 15
7. 9
8. 360°



- 9.
10. 11
11. 62.93
12. 850
13. square
14. 9
15. 6.74
16. pentagon – C
hexagon – B
octagon – A
17. $1\frac{1}{5}$
18. 10.1
19. 0
20. 180

WEDNESDAY

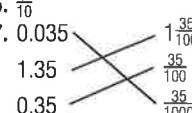
1. \$15.50
2. 34
3. $7\frac{1}{2}$
4. 30 April
5. (a) B (b) A
6. 0.64
7. 25 500
8. 180°
9. 10.93
10. 
11. cylinder
12. 7500
13. equilateral
14. 100
15. 5.1

16. 0.5 or $\frac{1}{2}$
17. 250
18. 625 m²
19. 30
20. 18

THURSDAY

1. \$7.90
2. 25
3. 5
4. 1
5. 8 am
6. 3, 9, 27
7. 75c
8. 8.85
9. 1500



- 10.
11. 0.78
12. $\frac{1}{8}$
13. B
14. 2
15. Teacher check
16. $\frac{7}{10}$
17. 0.035 

18. 973
19. $1\frac{1}{4}$
20. $7\frac{2}{3}$

PROBLEM-SOLVING

Monday

1. Teacher check
2. $\frac{2}{8}$

Tuesday

1. \$6.25
2. 18

Wednesday

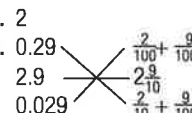
1. 8:15 pm
2. 2050 g

Thursday



1. Teacher check



FRIDAY REVIEW

1. $6\frac{2}{5}$
2. $\frac{3}{100}$
3. A
4. 0
5. 21
6. \$9.60
7. 3.26
8. 2
9. 0.29 
10. 2, 7
11. 55.93
12. 382
13. $5\frac{1}{2}$
14. 9.1
15. $2\frac{1}{2}$
16. \$24
17. 8.48

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS


18. 
19. acute
20. 31 July
21. Teacher check
22. 360°
23. 40
24. 
25. 8

WEEK 35 – pages 104–106

MONDAY


1. 1100
2. 1.8
3. 30 000
4. 10.0
5. 800 729
6. 29
7. A and B
8. $9\frac{2}{5}$
9. 2
10. 14
11. 15 396
12. 5
13. 30
14. true
15. yes
16. no
17. triangular pyramid
18. 114
19. 464, 496
20. 3 tulips for \$19.50

TUESDAY

1. 1000
 2. 4.1
 3. 909 009
 4. $1\frac{2}{5}$
 5. 2
 6. 9.282
 7. 15
 8. 150
9. 
10. 6
 11. 25 minutes
 12. 1.1
 13. 120
 14. Teacher check
 15. 0.3 seconds
 16. $3\frac{2}{3}$
 17. 0.7
 18. 24, 12, 8, 6
 19. $95\frac{1}{2}$
 20. 68

WEDNESDAY


1. $9\frac{2}{6}$
2. 477
3. 24.47
4. $\frac{5}{10}$
5. A
6. 4
7. 250
8. 8t

9. 303 303
 10. 0.4
 11. hexagon
 12. 200, 10, 4, 214
 13. 325
 14. 50
 15. 24
16. 
17. 67.5
 18. \$150
 19. 0.2
 20. 400 000

THURSDAY

1. 1100
2. 0.011
3. 2 800 000
4. 81, 90, 108
5. 89.55
6. $\frac{2}{3}$
7. $\frac{6}{8}$
8. 0.6
9. 621
10. 450
11. 1 in 2 or $\frac{1}{2}$, or 50%
or 0.5
12. 30
13. 4
14. 60 m²
15. Teacher check
16. $5\frac{4}{6}$ or $5\frac{2}{3}$
17. $4\frac{3}{8}$
18. 0.88
19. $24 \div 8 = 3$
20. 9 909 019

PROBLEM-SOLVING

- Monday
1. Teacher check
 2. Teacher check
- Tuesday
1. G, R, R, R
 2. Teacher check
- Wednesday
1. 
2. 650 km
- Thursday
1. 80

5	8
17	12

FRIDAY REVIEW

1. 1030
2. 623
3. $2\frac{4}{8}$
4. 6
5. 8.23
6. 0.2
7. 7100
8. 600
9. $7\frac{2}{4}$ or $7\frac{1}{2}$
10. 76.5
11. 97 611
12. 40
13. 4
14. $2\frac{2}{6}$

15. 10 000 110
16. 18
17. 26.5
18. 180 000
19. 60 m
20. 4
21. 9
22. A is 3D
B is 2D
23. 28
24. 30
25. Teacher check

WEEK 36 – pages 107–109


MONDAY

1. 90
2. 52.35
3. 7
4. Teacher check
5. 585, 615
6. 87 100
7. 87 000
8. 340 827
9. 56
10. 7
11. 400 kg
12. $3\frac{1}{2}$
13. 100 099
14. true
15. $\frac{1}{5}$
16. 16 cm³
17. 9215
18. $\frac{2}{3}$
19. 100, 44, 36, 28
20. 68

TUESDAY


1. 350
2. 3
3. 64
4. $\frac{24}{27}, \frac{8}{9}$
5. 70 000
6. 1.07
7. 0.6
8. 470
9. $5\frac{1}{2}$
10. 7800
11. \$250
12. 8.33, 8.48
13. 3
14. 0.279
15. $\frac{1}{4}$
16. \$2.50
17. 0.4
18. 3.8
19. 16
20. 85.5

WEDNESDAY

1. 
2. 7.0
 3. 40
 4. 800
 5. 90°
 6. false
 7. 72
 8. three ice creams for

- \$14.50
9. true
 10. 1 010 011
 11. 5 000 050
 12. 7.21, 7.35
 13. 2.7
 14. $\frac{1}{6}$
 15. $4\frac{5}{8}$
 16. \$4.50
 17. 2.1
 18. west
 19. 120
 20. DCA

THURSDAY

1. 30
 2. \div
 3. B
4. 
5. 40
 6. $3\frac{1}{2}$
 7. 4.06
 8. 36.52
 9. true
 10. 10.57, 11.21, 11.33
 11. 84
 12. odd
 13. 50 m
 14. 432
 15. $\frac{4}{5}$
 16. false
 17. 1200
 18. 90
 19. January, February
 20. July, May

PROBLEM-SOLVING

- Monday
1. 36
 2. 36
- Tuesday
1. 13 April, 0830
 2. 36
- Wednesday
1. \$10.50
 2. 32
- Thursday
1. 8
 2. 3000


FRIDAY REVIEW

1. 671
2. $1\frac{2}{5}$
3. 3
4. 29 768
5. $2\frac{1}{2}$
6. $\frac{3}{4}$
7. 0.365
8. 112
9. 82
10. $\frac{1}{8}$
11. \$5.50
12. $5\frac{2}{4}$
13. 80 000
14. 17, 2
15. \$7.50
16. 4 roses for \$28.74
17. \div


18. 1028
19. 800
20. 50
21. 136
22. February, July,
September, November
23. June
24. November
25. March, December

WEEK 37 – pages 110–112

MONDAY

1. 58
 2. 72
 3. 36 cm
 4. 64
 5. \$5.50
 6. $1\frac{3}{4}$
 7. 27.3
 8. 0.273
9. 
10. $\frac{2}{3}$
 11. 1 000 000
 12. 2200
 13. $7 \times 8 = 56$
 14. 32
 15. 1.5
 16. 67 000
 17. 560
 18. A = 12, B = 12,
C = 12, D = 12
 19. (a) north-west
(b) south-east
 20. (a) north-east
(b) south-west

TUESDAY

1. 71
 2. 6072
 3. 3.972
4. 
5. $\frac{8}{10}$
 6. A = 6, B = 5, C = 8
 7. Teacher check
 8. 53
 9. \$9.50
 10. 60, 75
 11. 100 000
 12. Teacher check
 13. 2
 14. 3
 15. 40
 16. 61 100
 17. 1100
 18. 3 m
 19. 4 m
 20. 34 m

WEDNESDAY

1. 34
2. 997
3. 60
4. false
5. 27
6. 182
7. 96

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

- $1\frac{1}{5}$
- YAT
- 8, 6.2, $4\frac{1}{2}$, 2.5
- 90
- 2012
- 13 500
- $\frac{1}{5}, \frac{1}{4}, \frac{2}{6}, \frac{1}{2}, \frac{3}{4}$
- triangle
- 94
- 32
- 9
- 2.04
- 307

THURSDAY

- 104
- $\frac{1}{4}$
- triangular pyramid
- 96
- $1\frac{2}{4}$
- 61
- 42
- 702
- June, July, August
- $\frac{2}{4}, \frac{4}{8}$
- 130
- 70, 77
- 55c
- 49
- (a) 18 (b) 0.18
- 109 099
- $\frac{1}{5}, \frac{4}{10}, \frac{1}{2}, \frac{5}{8}, \frac{2}{3}$
- 0.8, 1.1, 2, $2\frac{1}{2}$
- Red is the least likely colour
- (a) $\frac{2}{10}$ or $\frac{1}{5}$
(b) $\frac{3}{10}$
(c) $\frac{5}{10}$ or $\frac{1}{2}$

PROBLEM-SOLVING

Monday

- \$2200
- Teacher check

Tuesday

- 8
- 6

Wednesday

- 50
- 150

Thursday

- 0205
- \$2, 50c, 20c, 20c

FRIDAY REVIEW

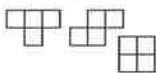
- 125
- 49
- 57
- $2\frac{1}{4}$
- 124
- $9 \times 8 = 72$
- 200
- 53
- 3
- $\frac{1}{4}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{5}$
- 2.72
- 55
- 100 000
- $\frac{2}{3}, \frac{4}{5}, \frac{7}{8}$
- 993

- 75
- 3.07
- 90 009
- 2010, 2011, 2101, 2111
- 24
- A = 5 L, B = 10 L, C = 15 L
- 3
- 5
- 40
- red - 0.2
green - 0.3
blue - 0.5

WEEK 38 – pages 113–115

MONDAY

- 270
- 54, 63, 72, 81
- Melbourne - 3.00 pm
Adelaide - 2.30 pm
Sydney - 3.00 pm
Perth - 1.00 pm
- 1.74
- 5400
- 10 000 000
- 80
- 1.07
- Teacher check; possible answers are:



- no
- 9
- 31
- $6 \times 8 = 48$
- 1.0
- $\frac{41}{100}$
- 3.00 pm
- 441
- 5000 g
- B has a better chance.
- 4 000 000

TUESDAY

- 822
- 0.7
- 5, 10
- 700
- 6200, 6.2
- 2.23
- 8, 450
- $3\frac{1}{3}$
- 2.30 pm
- 17
- 2.03
- 49
- $5\frac{1}{4}$
- 35
- 55
- true
- D
- 1.2
- 107 km
- 21 L

WEDNESDAY

- 55, 55
- 552
- 140
- 40
- true
- 22 750
- 0.18
- 92
- 68 000
- 300 000
- 11.7
- 1.04
- 36
- 500
- (a) 3, 5 (b) 1, 3
- 18
- A
- 75
- 406



THURSDAY

- 158
- 168, 174, 180, 186
- 500 000
- 4 555 000
- 0.25
- 67.2
- 46
- 0.93
- Sunday at 11 pm
- NS
- even
- 60°
- 36
- 16
- 0.1 m
- 61
- 800
- 1100
- false
- A - 1070, B - 1085, C - 1105, D - 1125

PROBLEM-SOLVING

Monday

- \$3.60
- 200

Tuesday

- Teacher check
- 40 kg

Wednesday

- 1.6
- 3.8

Thursday

-
-

FRIDAY REVIEW

- 147
- 0.414
- 8173

- 236
- 0.33
- 2.49
- true
- 100
- 105 000
- 0.95
- 32 750
- $\frac{2}{3}$
- 1.04
- true
- B
- 2, 570
- 8.30 am
- A = 975, B = 995

92

- 10.30 pm
- 12
- A
- 8
- 50 mm
- 0.5

WEEK 39 – pages 116–118

MONDAY

- Teacher check
- 13 000
- 2 pm
- \div
- 178
- \times
- Teacher check
- 200
- 4.139
- 200
- 5, 20
- 80 000, 400
- $\frac{2}{3}$
- 9
- 9950
- $2\frac{3}{5}$
- $6 \times 50 = 300$
- $100 - 4 = 96$
- false
- 29 February

TUESDAY



-
- 14 000
- 1400
- 45
- 2.397
- true
- \$22.50
- $4\frac{2}{3}$
- 9.50, 10.20, 10.35
- 120
- 775
- 40
- Teacher check
- $3 \times 100 000$
- $0.5, \frac{3}{4}, 1.1, \frac{13}{10}$
- 7907
- 850
- 1005

- 120
- $\frac{3}{4}$

WEDNESDAY



-
- 304
- 1250
- Teacher check
- \times
- 7:00 am
- 80
- $8\frac{1}{2}$ or $8\frac{2}{4}$
- 42
- triangular pyramid
- 159 752
- 24
- 21, 42
- 80
- 16 cm
- (a) 7 cm (b) 4 cm
- 10 000, 100 000
-
- 4
- 1 000 008

THURSDAY

- 75
- $3\frac{3}{4}$
- 528
- 6000
- 2:30 am
- 502
- 36
- 9
- 100 100
- B
- (a) 14 cm (b) 2 cm
- 0.2095
- 12
- octagon
- 30 cm
- 80
- $\frac{1}{3}, \frac{2}{6}$
- 7.50 pm
- 69.3
- 75

PROBLEM-SOLVING

Monday

- 88, 36
- 13, 5

Tuesday

- Teacher check
- $\frac{2}{12}$

Wednesday

- triangle
- triangular pyramid


Thursday

- 15
- 11

FRIDAY REVIEW


- 2150
- 8.097
- 16
- 30.76
- 200

NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

6. 2, 3, 4, 6, 8
7. 72, 63
8. \div
9. 33, 33
10. 1006
11. 240
12. 4004
13. 1
14. 3.0
15. 522, 558
16. 801
17. 0230
18. 
19. 0000
20. 20
21. C
22. 54.96, 55.0, 55.02, 55.2
23. 2.24, 2.39
24. Teacher check
25. (a) 5 m or 8 m
(b) 8 m or 5 m

WEEK 40 – pages 119–121


MONDAY

1. 80 kg
2. 9009
3. kite
4. $\frac{26}{8}$
5. 96
6. 25
7. 6
8. 750
9. 400
10. 520
11. 28
12. 16.1
13. \div
14. true
15. 
16. 8075
17. 470 000
18. 0.1
19. 270
20. 30

TUESDAY

1. 144, 152, 160, 168
2. A = \$9.90
B = \$10.10
3. (a) 18 (b) 9
4. 0.0209
5. 1020
6. 1.0
7. 480
8. $\frac{3}{4}$
9. 90°
10. 0.5
11. 0.409
12. 79



13. 
14. 11.00 pm
15. 7089


16. A
17. red = 5
18. blue = 8
19. green = 4
20. $\frac{3}{20}$

WEDNESDAY

1. Teacher check
2.

15	30	45	60	90
105	120	135	150	165
3. 296
4. 330 000
5. –
6. $3\frac{1}{4}$
7. 1.03
8. 0.96
9. 11
10. hexagonal prism
11. 10 000
12. 3800
13. $\frac{18}{5}$
14. 8 cm³
15. 4
16. 1907
17. 775 000
18. Teacher check
19. D
20. trapezium

THURSDAY

1. 0.46 ~~$4 + \frac{6}{10}$~~
4.6 ~~$\frac{4}{100} = \frac{6}{1000}$~~
0.046 ~~$\frac{4}{10} + \frac{6}{100}$~~
2. 72
3. 
4. isosceles
5. $7\frac{2}{3}$
6. 11 000
7. 12, 24, 42
8. 1200
9. 0.2
10. $2\frac{3}{5}$
11. 0.064
12. 25
13. 14070
14. 891
15. 20 000
16. 7
17. 0.94
18. 800 m²
19. 260 m
20. 1800 m²

PROBLEM-SOLVING

Monday

1. Teacher check
2. 500

Tuesday

1. 50
2. 150°

Wednesday

1. 5
2. 90

Thursday

1. Teacher check
2. Teacher check

FRIDAY REVIEW

1. 193
2. 4500
3. 43.8
4. 0.03264
5. 1.02
6. 510
7. $\frac{35}{8}$
8. 10.0
9. 1200
10. 990
11. 20 700
12. $\frac{3}{4}$
13. 9
14. $4\frac{2}{6}$
15. \$16
16. red = 8
17. blue = 4
18. green = 5
19. $\frac{3}{20}$
20. 20 000
21. 6.30 pm
22. 9090
23. B
24. 0.2
25. 0.4

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

WEEK 1 – pages 2–3

MONDAY

1. 2.35
2. 40, 0.4
3. 90°
4. 3
5. $\frac{8}{5} = 1\frac{3}{5}$
6. 1 000 000
7.

○	○
	○
8. 2 or 5
9. Similar
10. 16 cm^2
11. 2
12. $\frac{1}{2}$
13. trapezium
14. 3
15. 10
16. 4
17. 45 mm
18. 1800
19. b
20. 3.8

TUESDAY

1. 4.55
2. 43
3. 3
4.

11	9	55	23
----	---	----	----
5. 250
6. 8
7. 45
- 8.
9. c
10. 540°
11. (b) 5×5
12. 144
13. 10 000
14. Albury, Orange
15. 0.64
16. 100 mL
17. \$12
18. 50
19. 21
20. 3

WEDNESDAY

1. US \$20
2.

○	
	○ ○
○	
3. 19, 29
4. 1 000 010
5. 5.7
6. $8, 135^\circ$
7. 2100
8. 45
9. 16
10. 16 mm
11. $\frac{2}{3}$
12. 90°

13. \$20
14. $4 \times 24, 2 \times 48 = 1 \times 96$
15. 45
16. 800 kg
17. 6
18. 4 in 20 or 0.2 or 20% or $\frac{1}{5}$
19. 80 000
20. (b) 6×6

THURSDAY

1. 6.05
2. $\frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$
- 3.
4. 0.5 5. 12 cm
6. \$5 7. 56
8. 600 9. 3
10. (a) Eastern
(b) Central
(c) Western
11. 90°
12. 4
13. 17 000
14. 1000 kg or 1 tonne
15. 5
16. 18 km
17. 5×24
18. 10 000 100
19. Bow Bridge, Denmark
20. 50 mL

FRIDAY – page 82

1. 1.55
2. 1 000 010
3.

45	36	35
----	----	----
4. 27
5. b
6. 90°
7. 15
8. 41
9. 4
10. 2100 kg
11. 4
12. b, d
13. \$30
14. $\frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$
15. 24 km
16. 7
17. trapezium
18. 72
19. 30
20. \$15.75
21. 53
22. 5
23. Wubin, York
24. 2000
25. 1 mL

WEEK 2 – pages 4–5

MONDAY

1. 5.45
2. AUD \$150
3. cylinder

4. 16 000
5. 100 000
6. 26
7. 10 101 000
8. 1.85
9. 180°
10. 4
11. 1000
12.

	○	
	○	○

13. A, B
14. \$15
15. 2
16. 34
17. 35 cm
18. 4
19. false
20. 12 min.

TUESDAY

1. 12.05
- 2.
3. yes
4. 45, 29
5. 60, 75
6. 220
7. 32
8. $\frac{8}{4} = 2$
9. heptagon
10. 1.5 m
11. 1917
12. 5
13. 3000 m^2
14. triangular prism
15. 9, 9.75
16. c
17. 2.35
18. 300, 600
19. 69 km
20. 9

WEDNESDAY

1. C
2. 4.13
3. one million, one thousand, one hundred and ten
4. 40
5. 1.28
6. true
7. 2.3 cm
8. 32 mm
9. 400 000
10.

A		
B	A	C
11. \$32
12. 5
13. false
14. 21
15. 75, 125
16. 200 cm^3
17. 8.1

18. 8
19. 54 cm
20. 22

THURSDAY

1. 3.30
2. b
3. nonagon
4. 1300 kg
5. 12 6. 21
7. 8 8. 900
9. $\frac{5}{10}$
10. 11 minutes
11. 9, 0.9
12. C
13. 8
- 14.
15. 15 km
16. 6 out of 10 or 3 out of 5 or 0.6 or 60%
17.

48	56	24	6
----	----	----	---
18. 5.3
19. \$30
20. 10

FRIDAY – page 82

1. 7.30
2. 3.5
3. 2
4. heptagon
5. 21 min.
6. 4
7. 16 cm
8. 110
9. 0.12
10. 70
11. 750
12. 400 cm^3
13. \$24
- 14.

15. 8
16. 35 cm
17. 4
18. 400 000
19. $\frac{4}{5}$
20. nonagon
21.

29	33	17
----	----	----
22. 6.7
23. 0200
24. 4 out of 2 or 1 in 5 or 0.2 or 20%
25. 100 000

WEEK 3 – pages 6–7

MONDAY

1. US \$75
2. $1\frac{1}{5} = 2\frac{1}{5}$
3. 45°
4. no

5. 50°
6. 32
7. 9
8. $8\frac{4}{5}$
9. 1:100
10. 7 m
11. false
12.

X		X
	X	
13. 0.13
14. 1000 g
15. $5\frac{1}{2} \text{ m}$
16. 17.2
17. 8
18. 28 km
19. 6.1
20. 38, 3.8

TUESDAY

1. 9.05
2. 9
3. $\frac{2}{5}$
4. 12
5. 4.95
6. 42
7. 4.9 cm
8. 20:10 or 2:1
9. 32
10. \$48
11. 1000
12. 6.45
13. 33
14. 180°
15. 12 cm^3
16. 3
17. (a) 10×3.5
18. 1500 kg
19. 6
20. \$45

WEDNESDAY

1. 21
2. 2 out of 20 or 1 in 10 or 0.1 or 10%
3. 81
4. 90
5. 5:20 or 1:4
6. $\frac{5}{6}$
7. $\frac{6}{4} = 1\frac{2}{4} \text{ or } 1\frac{1}{2}$
8. C
9. \$30
10. 1 000 000
11. 1:100
12. 5
13. \$80
14. 63
15. 44 cm
16. 27 cm^3
17. 2.95
18. a
19. 1000
20. 15

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

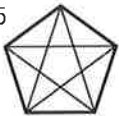
THURSDAY

1. 8.25
2. 1:100
3. 1300
4. 100
5. 5 tonnes
6. 13, 1.3
7. 2.95
8. 6
9. 3.7
10. cone
11. C
12. 22
13. \$17.75
14. 270°
15. 0000
16. 25
17. \$200
18. 4.12
19. (a), (c)
20. 24 m³

FRIDAY – page 83

1. 940
2. 10.00 pm
3. $\frac{7}{5} = 1\frac{2}{5}$
4. 4.98
5. 8
6. 490
7. 32
8. 7.1
9. 1000
10. 1:100
11. 12.5
12. 20
13. 24 m³
14. \$72
15. 270°

16. 4.5 tonnes
17. 5



18. 20
19. 1001011
20. 2.95
21. 47
22. 1 000 000
23. 180°
24. 15
25. 20 km

WEEK 4 – pages 8–9

MONDAY

1. approx. 1.08
2. $\frac{4}{5}$
3. Teacher check
4. 1500
5. $(6 \times 4) + (3 \div 3) = 25$
6. 2.93
7. 9.8
8. 14
9. 106



10. 3500 kg
11. 7.9
- 12.
13. (b) and (d)
14. yes
15. 1.0
16. 1010
17. 6
18. 10 000 m²
19. 174
20. 200 g

TUESDAY

1. approx. 10.28
- 2.
3. $3\frac{6}{4} = 4\frac{2}{4} = 4\frac{1}{2}$
4. 40 000
5. \$14.85
6. 1 100 000
7. C
8. icosahedron
9. true
10. 25 mm
11. 1 000 000
12. 93
13. *b*
14. 180 m³
15. 6:12 or 1:2
16. \$150
17. 5.25
18. 10³
19. 9
20. $(3 \times 8) - (5 \times 2) = 14$

WEDNESDAY

1.

C	A
B	
2. $a = 40^\circ, b = 40^\circ$
3. 10³
4. 1000
5. 1:100
6. 9.00
7. 63
8.

□	□	□	□
2	5	9	14

345
9. yes
10. 75
11. $3\frac{3}{5}$
12. 10
13. 26 000
14. 132, 1320
- 15.
16. 1.06
17. 1
18. 500 cm³

19. 80
20. 20 km

THURSDAY

- 1.
2. dodecahedron
3. 5 pm
4. 100
5. 12
6. 40
7. 21
8. \$12.50
9. B
10. 550 mL
11. 4
12. $5\frac{3}{5}$
13. 0.5
14. Teacher check
15. 1 400 000
16. $\frac{2}{4} = \frac{1}{2}$
17. 365
18. c
19. \$75
20. 3.00

FRIDAY – page 83

1. (a)
2. 51
3. \$350
4. icosahedron
5. $14 \div 2 = 7$
6. 1 000 000
7. true
8. 45
9. 12
10. 10.00
11. $(7 \times 5) - (10 \div 2) = 30$
12. no
13. 176
14. 8
15. $\frac{2}{4} = \frac{1}{2}$
16. 100 000
17. $5\frac{3}{5}$
18. 8 pm
19. 9



- 20.
21. 300 g
22. $\frac{7}{8}$
23. 9:18 or 1:2
24. 30 mm
25. $x = 70, y = 120^\circ$

WEEK 5 – pages 10–11

MONDAY

1. 8.17
2. 1000

3. 6500 kg
4. 25
5. 24
6. 9.92
7. $(6 \times 3) + (8 \div 2) = 22$
8. true
- 9.
10. $\frac{1}{4}$
11. 20 000
12. 10 out of 20 or 1 in 2 or 0.5 or 50% or $\frac{1}{2}$
13. 8 cm
14. \$13.65
15. 9
16. 0.125
17. 270°, reflex
18. $36 \div 4$
19. 50
20. 30 000 cm³

TUESDAY

1. 99 990
- 2.
3. 9.39
4. \$15
5. \$7.50
6. 0.96, 9.96
7. $\frac{1}{8}$
8. 9
9. 15 km
10. **92**
11. $6\frac{3}{10}$
12. 366
13. trapezium
14. 15:3 or 5:1
15. 10, $\frac{2}{5}$
16. 75
17. 188
18. 20
19. 7.95
20. 36

WEDNESDAY

1. 110 000
2. 5×48
3. $\frac{5}{6}$
4. 400 000
5. 30
6.

X	X
	0
X	
7. 1650
- 8.
9. 100
10. 125
11. 12
12. 2
13. $4\frac{9}{10}$
14. 136
15. 8.295
16. 9.34 am
17. $(9 \times 3) - (18 \div 2) = 18$
18. 270

19. 21
20. 775 mL

THURSDAY

1. 0.23
2. 9
3. 180°
4. 200
5. 10
6. 7.71
7. 36
8. yes
9. (a) \$10, (b) \$110
10. 12 cm
11. 30
12. 6
13. $5\frac{5}{10}$
14. 5
15. 0.394
16. 1.91
17. 9
18. \$2.50
19. 7.169
20. 5 cm

FRIDAY – page 84

1. 0.125
2. 225
3. 1 001 001
4. 7.355
5. 7
- 6.
7. 24 000 cm³
8. 21
9. 20
10. 15 cm
11. $\frac{1}{4}$
12. 0.78
13. 0.01
14. 18
15. $(8 \times 3) - (45 \div 9) = 19$
16. 128
17. 2
18. $4\frac{9}{10}$
19.

X		
		X
	X	
20. 11 000 kg
21. 2
22. 8.95
23. 6.28
24. 500 000
25. 5 diagonal lines



WEEK 6 – pages 12–13

MONDAY

1. approx. 4.03
2. 40
3. 3 m
4. 2887
5. true
6. 1.4 million
7. 48 m²

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

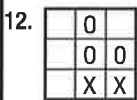
8. 90°
9. $\frac{1}{10}$
10. \$2.50
11. 60°
12. 6
13. 1012
14. \$15.20
15. Oberon, Wee Waa
16. 3200
17. hemisphere
18. 0130
19. -9, -3, 0, 7, 8
20. 24, 96

TUESDAY

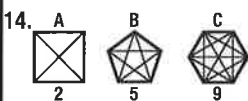
1. $\frac{3}{10} + \frac{8}{100}$
2. Teacher check
3. 27.5 km
4. 4 pm
5. 801
6. 1.4
7. 7, 5, 7
8. 10:20 or 1:2
9. 7.1

10. 9

11. 16



13. 90



15. 6.28 am

16. no

17. 60

18. 4000

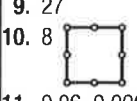
19. ÷

20. 8 out of 15 or $\frac{8}{15}$

WEDNESDAY

1. approx. 6.47
2. 56 m^2
3. 1 000 003
4. 150
5. 20:10 or 2:1
6. 29
7. $\frac{7}{8}$
- 8.

9. 27



11. 0.06, 0.006

12. hexagonal prism

13. 15

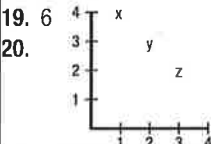
14. 1.04 million

15. $7\frac{2}{3}$

16. 1.5 tonnes

17. 6

18. 22.5 km



20.

THURSDAY

1. 12.50
2. 8
- 3.
4. none
5. 0.3
6. 5
7. C, A
8. 51
9. $\frac{5}{6}$
10. Teacher check
11. 31 000
12. 1 120 000
13. false
14. 23
15. 12

16. 1.99, 1.999
17. $120^\circ, 60^\circ$
18. 34
19. 80
20. 4 pm

FRIDAY – page 84

1. approx. 10.04
2. 180
3. 12:24 or 1:2
4. 8
5. 9

6. 11

7. ÷

8. 8.99

9. 2

10. 42

11. 61

12. 0040

13. false

14. 4.5 t

15. 1.6

16. 6 pm (following day)

17. 32.8

18. 3.85

19. 3 m

20. 40

21. 16

22. $9^{10}/_8 = 10^{2}/_8$ or $10^{1}/_4$

23. 27.5 km

24. 375

25. 5 out of 20 or 1 in 4 or $\frac{1}{4}$ or 0.25 or 25%

WEEK 7 – pages 14–15

MONDAY

1. 3

2. $\frac{1}{4}$

3.

4. 0.02

5. 3050

6. 475

7. $(6 \times 3) \div (9 \times 2) = 1$

8. 27
9. 240
10. 0.001
11. 16, 49
12. \$1.25
13. 6
14. C (3 L then 500 mL)
15. (b)
16. \$1.50
17. dodecagon
18. 160
19. $6\frac{5}{10}$
20. 9 pm

TUESDAY

1. 9.10
2. 15
3. 4
4. 0.003
5. 17.7
6. 10
7. 7500
8. 2 pm
- 9.

10. false
11. 0.12
12. \$14, \$154
13. octagonal pyramid
14. 22
15. 80, 90, 140
16. 9 m
17. 56
18. 1301
19. 24
20. true

WEDNESDAY

1. 7.40
2. 110 km
3. 100 km
4. 388
- 5.

6. 1.283

7. (a)



9. 24

10. 30 000

11. 10 000

12. 70 m^3

13. 1.7, 0.17, 0.017

14. 3

15. 180

16. 20

17. $4\frac{7}{5} = 5\frac{2}{5}$

18. 4.20 pm (following day)

19. 350 m

20. 30 km

THURSDAY

1. 711

2. 15
3. C
4. 0.05, 0.005
5. 12
6. 2.00, 2.10
7. (b)
8. 16
9. 19
10. 34
11. 16
12. true
13. 5.1
14. 27:9 or 3:1
15. 70 m^2
16. (b)
17. 48
18. 51
19. false, false, false
20. \$8.85

FRIDAY – page 85

1. 1.40
2. $\frac{1}{4}$
3. 2.06
4. 3.0
5. \$9
6. 34
7. 5.1
8. 1 000 110
9. 42 m^3
10. A
11. 23.6
12. 9
13. false
14. 15 000
- 15.



17. 2352
18. no
19. 120
20. $(7 \times 8) \div (4 \times 2) = 7$
21. 10.48 pm
22. 24
23. 7.5 cm
24. 0.07
25. 16

WEEK 8 – pages 16–17

MONDAY

1. approx. 10.47
2. 0.08, 0.008
3. 37
4. 5500
5. $2\frac{2}{3}$
6. 500
7. 4300
- 8.
9. 3, 5
10. 13

11. 566
12. 2610
13. 3.176
14. 121
15. 243
16. 310
17. (b)
18. 200 cm^2
19. (b)
20. $\frac{2}{6}$ or $\frac{1}{3}$

TUESDAY

1. 40
2. $\angle x = 150^\circ, \angle y = 30^\circ, \angle xy = 180^\circ$
3. 8100
4. 90 m
5. 17
6. $4\frac{2}{5}$
7. b
- 8.
9. 3
10. rhombus
11. 2 250 000
12. 5.5, 0.55
13. 160
14. 22
15. 1000 kg
16. 42, 4.2
17. 41 000
18. 5, 7
19. 12
- 20.

WEDNESDAY

1. $180^\circ, 360^\circ$
2. 160
3. 38 000
4. 9.02
5. dodecahedron
6. 0.458
7. $5\frac{4}{10} = 6\frac{4}{10}$ or $6\frac{2}{5}$
8. C
9. 9
10. 35 mm
11. 20
12. $5\frac{2}{3}$
- 13.

14. ÷
15. 1 000 005
16. 180 m
17. 5
18. 8 pm
19. 12
20. 1 in 6 or $\frac{1}{6}$

THURSDAY

1. 5, 540°
2. 1.20 am (following day)

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

3. icosahedron
4. 1 000 000
5. 5, 11
6. 2.3, 2.05



8. 15 9. 90
10. $\frac{1}{2}$ 11. 24
12. 180°
13. 1 000 007
14. 10
15. 36
16. 2.84
17. 24, 25
18. 100
19. 4.2
20. 10 out of 30 or 1 out of 3 or $\frac{1}{3}$

FRIDAY – page 85

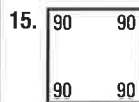
1. 11, 13 or 19, 5
2. 9.08
3. 150 m
4. $\frac{3}{6}$ or $\frac{1}{2}$
5. 900
6. 1000 cm²
7. 8
8. 4.01
9. 3.00
10. 6
11. \div
12. 70
13. b
14. 25 mm
15. 6.20
16. 12.033
17. 1 000 010
18. $4\frac{3}{5}$
19. 30
20. 575
21. 8
22. 4 out of 52 or 1 out of 13 or $\frac{1}{13}$
23. a
24. $8\frac{6}{10}$, $9\frac{6}{10}$ or $9\frac{3}{5}$
25. 24

WEEK 9 – pages 18–19

MONDAY

1. 12
2. 4.09, 0.409
3. 4
4. 18th
5. 2.935
6. 100
7. 7000
8. 88
9. C
10. 190
11. 2 200 000
12. 17, (c)
- 13.

14. 750



16. (b)
17. A = 50 mm
18. 2310
19. 9700
20. 7850

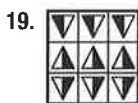
TUESDAY

1. 112
2. 15:5 or 3:1
3. (b)
4. 49
5. $8\frac{20}{10} = 8 + 2 = 10$
6. 7
7. $\frac{1}{10}$
8. 14 m
9. 8.1

10. (c)

11. 10
12. 0.003
13. 24 m³
- 14.

15. 6.9
16. 20
17. 20
18. 9 909 000



20. 72 km

WEDNESDAY

1. 0
2. 0.5 or $\frac{1}{2}$ or 50%
3. 100
4. $\frac{2}{5}$
- 5.



6. 9.01, 0.901
7. 727



9. a

10. 60
11. 50
12. 5
13. 15 min.
14. 999 985
15. 3



17. 50c
18. 20
19. 10 000

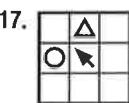
20. (a)

THURSDAY

1. approx. 9.56
2. 6.10
3. 360°

4. (a) 1521

5. 0.75
6. 9
7. 11.40 pm
8. 50
9. 5.6
10. triangular pyramid
11. 373
12. 3 010 000
13. $8\frac{10}{7} = 9\frac{3}{7}$
14. 12:4 or 3:1
15. \$7.65
16. 85c



18. 28
19. 5.5
20. 8

FRIDAY – page 86



2. $\frac{1}{10}$
3. 0.001
4. 1140
5. 60 km
6. 260 mm
7. 5640
8. 3.95
9. 16th
10. $\frac{5}{8}$
11. 1.35 am
12. 100
13. 43 000
14. $11\frac{1}{7} = 12\frac{4}{7}$
15. 11.53 am
- 16.

17. 6.1
18. 9
19. square pyramid
20. 12
21. 2 040 000
22. (b)
23. 120 m³
24. 20:5 or 4:1
25. 0

WEEK 10 – pages 20–21

MONDAY

1. 4
2. 19 500
3. 4
4. 200 km/h
5. 6
6. 8
7. 100
8. $a = 30^\circ$, $b = 150^\circ$
9. 120
10. 45
11. 70

12. 9.07
13. odd, even, odd
14. (c)
15. 4.2
16. 40
17. 1000, 1500
18. 0.4 sec.
19. 9
20. $\frac{3}{6}$ or $\frac{1}{2}$

TUESDAY

1. 11.28
2. 3
3. 250
4. $14 = 5600$
5. 55
6. 1, 2, 3, 4, 6, 12
7. 20
8. 21:7, 3:1
9. 4 out of 20 or 1 in 5 or $\frac{1}{5}$ or 0.2 or 20% or $\frac{1}{5}$

10. $\Delta E \Gamma$

11. odd
12. 5.4
- 13.

14. 52 mm
15. 800 kg
16. 36
17. 23.9
18. 72
19. 1.6, 0.16, 0.016
20. 0.3

WEDNESDAY

1. 7.24
2. 0.001
3. 8
4. even or 0.5 or 50% or $\frac{1}{2}$
5. A, E
6. 16 500
7. 4.08, 0.408
8. A
9. odd

10. 150 km/h
11. 1950
12. 20
13. 2.45
14. 68 000
15. 220
16. 40 17. 12.1
18. 66 19. x
20. 1000

THURSDAY

1. 90°
2. 160
3. 96
4. 5 cm
5. 12.3
6. $\frac{3}{4}$
7. 1 070 000
8. 2
9. 5.1
10. hemisphere

11. 2
12. 10 am
13. 1, 2, 3, 4, 6, 8, 12, 24
14. 360
15. 19th
16. 2.25 Thursday
17. true
18. (a)
19. 1100

20. 1. Alexander
2. Antonio
3. Anthony

FRIDAY – page 86

1. (d)
2. B
3. 200
- 4.

5. 8 km
6. 2.5
7. 2.8
8. 7.215
9. 1.5
10. 1.1
11. 60
12. 29 000
13. 4.4
14. 200
15. 36 cm
16. x
17. 20
18. 8.001
19. 40 m³
20. 115°
21. hemisphere
22. 1000
23. odd
24. 1 000 010
25. (b)

WEEK 11 – pages 22–23



MONDAY

- 1.
2. 24
- 3.
4. one hundred and one thousand, one hundred and one
5. 0.07
6. b
7. 112
8. 4
9. 440
10. 8 pm
11. $\frac{4}{8} = \frac{1}{2}$
12. 3700
13. 45 mm
14. yes
15. 36

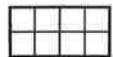
NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

16. \$5
17. no
18. 20 January
19. 24
20. \$2, 50c, 20c, 10c
(a) Royal Australian Mint


TUESDAY

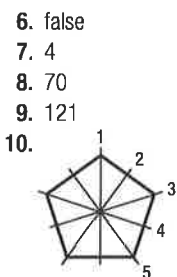
1. 
2. cold
3. 390
4. 7, 70
5. 405
6. 104
7. 112
8. 
9. 10, 11
10. 36 km
11. yes
12. 76 510
13. b
14. \$45.50
15. $\frac{1}{5}, \frac{1}{2}, \frac{2}{3}, \frac{4}{5}$
16. 9 February
17. $\frac{5}{10} = \frac{1}{2}$
18. $\frac{4}{3} = 1\frac{1}{3}$
19. 20 000
20. $\frac{3}{4}$

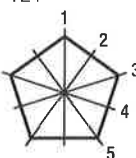
WEDNESDAY

1. 11, 29 or 3, 37 or 17, 23
2. 28, 7
3. 54
4. 1.01
5. 
6. 8.91
7. 30
8. $\frac{9}{12} = 0.75$ or $\frac{3}{4} = 0.75$
9. yes
10. 2 am
11. $\frac{4+1}{6} = \frac{5}{6}$
12. 0 °C
13. 0.3, 30%
14. 2925.4
15. 2.4
16. 47 mm
17. 48 km
18. 50 000
19. 1 600 000, 1 060 000
20. unlikely

THURSDAY

1. 18
2. $\frac{10}{12} = \frac{5}{6}$
3. 4

4. b
5. 200



6. false
7. 4
8. 70
9. 121
10. 
11. 180°
12. 42
13. A
14. 100 °C
15. 12
16. 0.29
17. 1000
18. 50
19. 0.008, 0.08, 0.8
20. 3DAT 9900

FRIDAY – page 87

1. 13, 17 or 7, 23 or 11, 19
2. 90
3. 6.3
4. $\frac{6}{5} = 1\frac{1}{5}$
5. 1.5
6. 11 pm
7. 35
8. \$3
9. 97 541
10. no
11. 19 February
12. 34 mm
13. 42 km
14. A
15. 10
16. 170, 17
17. 6 ha
18. true
19. 
20. 3
21. 0.32
22. yes
23. 1979
24. even
25. B, A, C, D



WEEK 12 – pages 24–25

MONDAY

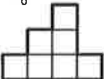
1. 35
2. 1 000 001
3. 4
4. 11.30 am
5. 6
6. 32
7. $\frac{3}{8}$
8. 26
9. square pyramid
10. 70%
11. 70, 140
12. 1900
13. no

14. 2.012
15. 100
16. $3\frac{2}{5}$
17. 1000, 1500
18. 115
19. 100
20. 200 000 m²


TUESDAY

1. XXZ000
2. $b = 60^\circ, c = 55^\circ, a = 65^\circ$
3. 105
4. 19 February
5. 9, 90
6. one million, one hundred and ten thousand, one hundred and one
7. 80
8. A
9. $\frac{7}{10}, 70\%$
10. yes
11. 
12. 3100
13. 100 km
14. 500 m
15. 
16. \$16
17. 42
18. 6
19. \$43.50
20. 2.75

WEDNESDAY

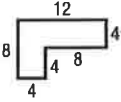
1. 44 min.
2. 10.30 pm
3. 17
4. $\frac{5}{6}$
5. 
6. $\frac{9}{10}$
7. 54
8. triangular prism
9. 9 (add $[8 + 10] \div 2$)
10. 90°
11. circle
12. 384
13. $\frac{5}{20} = \frac{1}{4}$
14. 2.97, 0.297
15. 82
16. 360°, 540°, 720°
17. 2
18. 1 March
19. $8\frac{5}{5} = 9$
20. 72

THURSDAY

1. 40 minutes
2. 
3. 4

4. 9
5. 11.30 pm
6. $(20 \times 10) + (7 \times 10) + (20 \times 2) + (7 \times 2)$
7. 1 000 006
8. $\frac{4}{16} = \frac{1}{4}$
9. 11, 11
10. 120°
11. 1 ABB 000
12. $\frac{1}{4}$
13. 140
14. $\frac{3}{6}$
15. 25 km
16. 12
17. 50°
18. 5.5
19. 6.1
20. 1:100

FRIDAY – page 87

1. 42 min.
2. 10
3. 100
4. yes
5. 2.30 am
6. 20
7. 7
8. $\frac{3}{10}$
9. \$41.50
10. \$14
11. 80
12. 4.96
13. 0 °C
14. B
15. 0.24
16. $\frac{3-2}{4} = \frac{1}{4}$
17. 54
18. 1 000 006
19. decagon
20. $\frac{3}{15} = \frac{1}{5}$
21. $(30 \times 10) + (4 \times 10)$
 $(30 \times 8) + (4 \times 8)$
22. 5100
23. 
24. 70°
25. 110 km

WEEK 13 – pages 26–27

MONDAY


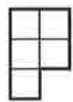
1. 12.12
2. 7
3. 10
4. 13 000
5. 6.07
6. 3 r 1 or 3.2
7. $\frac{1}{100}$
8. 0.10
9. B
10. $\pi \times r^2$
11. 100
12. 40

13. $(40 + 6) \times (30 + 5)$
 $(40 \times 30) + (6 \times 30)$
 $(40 \times 5) + (6 \times 5)$
14. 15 km
15. (a) 2, 3
16. 1650
17. SE
18. 10.30 pm
19. false
20. \$100, \$50, \$20, \$10,
(c) Reserve Bank of Australia


TUESDAY

1. 3.37
2. summer
3. $\frac{1}{3}$
4. 1, 0.25
5. 111 011
6. 5
7. $\frac{2}{100}$
8. 12
9. 0.33




11. 3.993
12. 1999
13. 54 mm
14. NW
15. 
16. 15
17. $\frac{1}{4}$
18. 100 000
19. 270 mm
20. 

WEDNESDAY

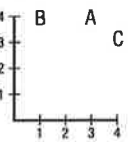

1. 1000
2. (b)
3. \$160
4. 177
5. $(30 + 6) \times (30 + 9) =$
 $(30 \times 30) + (6 \times 30) +$
 $(30 \times 9) + (6 \times 9)$
6. 145
7. 3r.3
8. Yes
9. $\frac{5}{100}$
10. summer
11. 2.783
12. 360°
13. 12.30 am
14. $\frac{4}{10}$
15. 100
16. $\frac{3}{10}$
17. 1 000 005
18. 
19. $2\frac{5}{6}$
20. Teacher check

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

THURSDAY


- 4.08
- 31 March
- 3
- 15 cm
- 2
- $\frac{4}{5}$
- 9%
- 16
- 62
- 22
- 1000
- 1000 L
- 9.999
- 
- 75 000 m²
- true
- false
- \$31.50
- 2, 3
- D = 30%
E = 40%
(b) 0.4

FRIDAY – page 88

- 1000
- $\frac{13}{5}$
- $\frac{9}{12} = \frac{3}{4}$
- $\frac{7}{10}$
- 100
- 32 mm
- 20
- false
- 9.998
- 505 055
- 5.296
- 12.30 am
- 60
- 20
- A, D
- 1994
- $\frac{1}{4}$
- 
- true
- 4.07
- 8 m²
- 35 000 m²
- NE
- 1000 L
- 

WEEK 14 – pages 28–29

MONDAY

- 3.55
- $\frac{1}{2}$
- 
- (b)

5. 1

- 2.4
- 93
- Any pentomino except ...



- 1:3
- 160
- 14
- $18\frac{4}{3} = 19\frac{1}{3}$


A	B	C
400	420	410

- 0.25, 25%
- $\frac{2}{4}$ or $\frac{1}{2}$
- 0.1
- south-east
- 36 cm²
- 11.30 pm
- 2, 2, 2

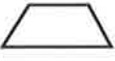
TUESDAY

- 12.50
- 35 mm
- false
- 30
- 30
- 20
- 155
- 600 km
- 9.991
- $0.2 + 0.05$
- CCA 000
- 48
- 11
- SW
- 210 km
- 280
- 130
- $\frac{1}{3}, \frac{2}{5}, \frac{1}{2}, \frac{3}{4}$
- $\frac{1}{2}$
- 100 000 m²

WEDNESDAY

- C
- 1.998
- 12
- 1 020 000
- 
- 4
- 21 March (365 days) or 20 March (366 days)
- $y = 80^\circ$
- 85
- E
- 2.5 ha
- C
- 216
- $\frac{1}{2}$ or 0.5
- 1
- 68 mm
- $\frac{5}{6}$
- 0.1
- 16
- 2.5 L

THURSDAY


- 24
- 58
- 12 am
- true
- 3, 7
- 42
- 6
- 5, 23 or 11, 17
- 9 April (365 days) or 8 April (366 days)
- $a = 15^\circ, b = 165^\circ$
- 10
- 18
- 4
- 
- 40
- \$12.50
- six million, two hundred and eighty thousand
- 9
- 64
- 16


FRIDAY – page 88

- 120
- 12:25
- 1.997
- $\Sigma \text{ E A}$
- 
- 4
- 2.25 L
- 64 000
- \$4.50
- 42
- 32
- 3.5
- 11 March (365 days) or 10 March (366 days)
- 75°
- 40 mm by 55 mm
- 32
- $9\frac{6}{4} = 10\frac{2}{4} = 10\frac{1}{2}$
- $\frac{2}{4}$ or $\frac{1}{2}$
- 67
- 
- $\frac{1}{4}$
- \$17.60
- 11.30 pm
- C
- | A | B | C |
|--------|--------|--------|
| 380 mL | 405 mL | 0.41 L |

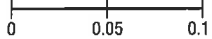
WEEK 15 – pages 30–31

MONDAY



- 7:25.05
- true
- 
- 3:30 am

- (a) 1.9 million
(b) 1.09 million
- $\frac{73}{7}$
- 0.002
- A
- 12 out of 52 or 3 in 13 or $\frac{12}{52}$ or $\frac{3}{13}$
- (b)
- 20
- 135°
- $5\frac{2}{10} = 6\frac{2}{10} = 6\frac{1}{5}$
- 0.734
- 4.2
- 
- $a = \pi \times r^2$
- 160
- 30 Dec
- (b)


TUESDAY

- B
- one million, two hundred thousand
- $\frac{2}{3}$
- 2.999
- true
- \$10
- 10
- 1XZZ 000
- 
- 1 000 000
- 5000 L
- 7
- 63
- 11 m
- 7.8
- (d)
- 8.07 18. 48
- true 20. a




WEDNESDAY

- 8:05.45
- 2.35
- 19.992
- 999 990
- A
- 20
- 2.45
- 11.30 am
- 68
- NW
- $24 \times 4, 96$
- 1.5 m
- 100
- 75
- 
- \$12.50
- 
- 29%
- 40
- C

THURSDAY


- A
- 29 December
- 35°
- 16, 36
- \$80 000
- 2, 2, 3
- 4
- 210 000
- 75 cm²
- 
- DFA000
- 22
- 120
- no
- 75 km
- 0.885
- \$25
- $y = \frac{1}{2}$
- US \$160
- A, E

FRIDAY – page 89

- 
- 5
- 120
- 1.991
- US \$250
- 116
- $5\frac{13}{10} = 6\frac{3}{10}$
- \$10
- B
- 11.30 pm
- 86
- b
- 100
- 8000 L
- 35°
- 40
- 
- 0.15
- 
- false
- no
- 3XFA 000
- 2.9
- 25 km
- 90 000

WEEK 16 – pages 32–33

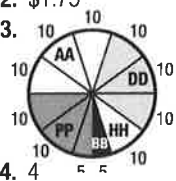
MONDAY

- 1.05.50
- false
- dodecahedron
- 8.4, 0.84
- 8.4
- 20
- 5, 7
- 



NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

- \$1.25
- 61
- $\frac{1}{5}$
- 35 170
- 144
- 6000
- 100
1. Sonya
2. Alicia
3. Kate
4. Linny
- no
- 1 mL
- 1000:200 or 10:2 or 5:1
- 10 pm

TUESDAY

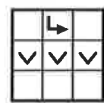

- $10 + 2 \times 3$
- 3.1
- 28
- 410 000
- $(20 \times 30) + (7 \times 30)$
 $(20 \times 8) + (7 \times 8)$
- 0.255
- 6
- south
- a
- 65°
- 25
- \$1.75
- 
- 4
- 19 990
- 16 December
- (a)
- 1101
- 32
- 6800

WEDNESDAY


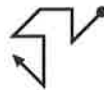

- $10 + 2 \times 7$
- $\frac{7}{9}$
- 58
- \$1.25
- 
- 9.996
- 10 000 L
- $1\frac{1}{2}$
- 0.2 or 1 in 5 or 20%
or $\frac{2}{10}$
- 6000 g
- $\frac{9}{10}$
- 27
- 4.1 ha
- Orange, Kedron
- 0.309
- 
- 100 000

- 32 m²
- true
- \$66

THURSDAY



- 2.08.35
- 3rd
- 6
- \$15
- 110
- 6r4
- 122%
- 21
- 82.5
- 
- 999 993
- $9\frac{6}{4} = 10\frac{2}{4} = 10\frac{1}{2}$
- 5
- 
- 29
- 2115
- \$38.75
- 22 000 m²
- 1300
- 30 km

FRIDAY - page 89

- 10 pm
- \$36.95
- $9\frac{6}{4} = 10\frac{1}{2}$
- $8\frac{9}{4} = \$2.25$
- 
- 6
- 39170
- 36
- 
- 7.2 ha
- 9.993
- \$63
- $\frac{1}{2}$
- decagon
- 2
- $\frac{3+2}{4}$
- 18.5
- 12 x 2 or 8 x 3 or 6 x 4
- 
- 201
- 40°
- 0.207
- 4 out of 52 or 1 in 13 or $\frac{1}{13}$ or $\frac{4}{52}$
- 0.15
- 2000: 200 or 20:2 or 10:1

WEEK 17 – pages 34–35


MONDAY

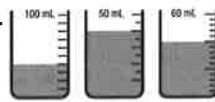
- 
- 12
- A, D
- 160 000
- (b) $\frac{1}{2}$
- 2.87
- 8.7
- 
- 18
- 24
- B
- 135%
- C
- 3 in 12 or 1 in 4 or $\frac{3}{12}$
or $\frac{1}{4}$ or 0.25 or 25%
- 1 000 011
- 0.05
- 95
- 10
- 60 km/h
- 0.003, 0.011

TUESDAY



- Wednesday
- $\overline{AB} = 37$ mm
 $\overline{BC} = 25$ mm
- $\frac{22}{7}$
- ÷
- 28 500
- 23 000 m²
- 0.14
- 8 cm
- $6 \times 2 \times 5$
- 202%
- 18
- 320 m
- true
- 90°
- d
- 20
- 0.125
- 72
- 30
- 2 130 000

WEDNESDAY




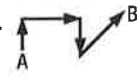
- 2325
- 14
- \$3.75
- 49 cm²
- 108
- 28
- (a)
- 
- $\frac{2}{3}$
- $\frac{1}{2}$
- $7\frac{1}{4}$
- 130°, 130°
- 1000 or 10³
- 5 m
- 46

- 35
- 1.00
- 111 010
- 72
- 

THURSDAY

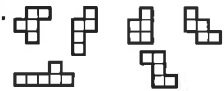

- 
- 
- 1 pm
- 7.4
- $9 + \frac{5}{4} = 10\frac{1}{4}$
- \$8
- 10 000
- 33
- 81
- octagon – C
hexagon – D
pentagon – B
- XZA 000
- 1 000 010
- 56
- \$2100
- 48 km/h
- 205 000
- 3 000 000
- 12
- 25, 0.25
- 5

FRIDAY – page 90


- 
- $\frac{4}{7}$
- 304%
- 0.15
- \$50
- a
- 6.30 pm
- 36
- 5 000 000
- 20 mm
- 105
- A
- 25
- 9 m
- 
- 0.605
- 
- 3 160 000
- 
- 15
- \$4.25
- 140
- 45 km/h
- Friday
- 63

WEEK 18 – pages 36–37

MONDAY

- 34
- 300 000
- no
- 2, 96
- true
- $\frac{1}{20}, \frac{1}{200}, \frac{1}{20}$
- 6.2
- \$12
- 52
- 49
- $9\frac{1}{4}$
- 31
- 
- false
- 116
- 0.4
- 
- 19, 1.9
- $\frac{6}{5}$ or $1\frac{1}{5}$
- A = 5 mL

TUESDAY

- 24
- 60 mm
- 12
- 11.5
- 84
- 10 110 000
- 24.997
- 72 km/h
- 24 out of 52
- 
- \$25
- 155
- 100 000, 600 000
- decagon
- 19 February
- 202
- $\frac{2}{10}$ or $\frac{1}{5}$
- $(8 \times 7) \div 2$ or $(14 \times 4) \div 2$
- 81
- 4500

WEDNESDAY

- 15
- 220 000
- $\frac{3}{4}$
- 900 000
- 20
- 4200
- true
- 160°

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS


- 16
- 105
- 8 060 000
- 3.5
- 12

14.

25		
		75
50		

- 100%
- 7, 23, or 11, 19 or 13, 17
- 500
- 10.5 t
- $\frac{1}{10}$
- 89 ha

THURSDAY

- 110 min or 1 hr 50 min.
- 200:500 or 20:5 or 4:1
-  , 8
- 60
- 1 000 004
- 100
- true
- $5\frac{1}{4}$
- 28 out of 52
- 310°
- 0.007, 0.07
- 100
- 230
- 9
- 100 000
- 8, 24
- $3\frac{3}{4} = \$0.75$ or 75c
- 19
- 10 000 mm
- 54 (multiples of 6, starting from 6)


FRIDAY – page 90

- $\frac{4}{13}$ or 16 out of 52
- 0.6
- true
- 11.5 t
- 210 m^3
- 390 000
- $\frac{1}{4}$
- 84
- 1.7
- 7.3 ha
- 256
- $8\frac{12}{10} = 9\frac{2}{10}$ or $9\frac{1}{5}$
- 175
- \$0.75
- 268
- 3, 17 or 7, 13
- 20
- 0.8, 0.008, 0.08
- 260°
- 3.10 pm
- 190
- 63


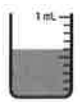
- 90 mm
- 18
- 6 (magic square adding to 45)

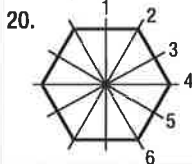
WEEK 19 – pages 38–39

MONDAY

- 6.10
- 84
- $3\frac{1}{2}$ hrs
- 30
- 950 000
- 210 000
- $8\frac{2}{3} = 9$
- 70°
- 41
- 1000
- 233
- B and D
- 52
- 0.3
- 20
- false
- 
- TT, HH, TH, HT
- 15.4, 155.4
- 5 pm

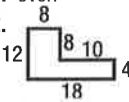
TUESDAY

- 5.38 pm
- 15 m
- 92
- 80
- 30
- 318
- Wednesday
- 10.30 am
- $\alpha = 45^\circ$
- 0.5
- 37 000
- 64, 640 000
- 
- 50c
- 
- 5
- 84
- 12
- 1, 2, 3, 4, 6, 8, 12, 16, 24, 48



WEDNESDAY

- 11, 11 or 3, 19 or 5, 17
- 69 000
- 20
- 20 m
- 1 909 000
- 100


- 2
- $x = 89^\circ$
- $y = 125^\circ$
- yes
- even
- 

- \$1
- 1860
- 1





- 800 000
- 3.74
- | | | |
|---|---|---|
| Δ | X | A |
| Y | | |
| | | |
- 100 000 m²

THURSDAY

- $\frac{2}{3}$
- 9
- parallelogram
- 4
- (b)
- $0.75 = 75\%$
- 96
- \$18.35
- true
- 9 m
- 190 000
- 108
- 121
- 
- 45 mm
- 0.5
- $9\frac{6}{5} = 10\frac{1}{5}$
- 5500
- | | | | |
|---------------|-----|----------------|----------------|
| $\frac{3}{4}$ | 0.8 | $\frac{19}{5}$ | $1\frac{2}{3}$ |
|---------------|-----|----------------|----------------|
- $\frac{2}{4}$ or $\frac{1}{2}$

FRIDAY – page 91

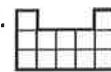
- 3
- 999 985
- 50c
- 0.42 or $\frac{42}{100}$
- 400
- $6\frac{1}{2}$ hours
- 1 001 010
- 295
- 10:50 pm
- $\alpha = 121^\circ$
- 600
- Saturday
- 108
- 355
- 105°
- 10
- 
- yes
- 7.08

- 0.75
- 
- 99.995
- 6.1 m
- 8
- 10 m

WEEK 20 – pages 40–41

MONDAY

- 12.45 pm
- b
- isosceles
- Saturday
- 710
- 10 cm^3
- 2
- 1.4

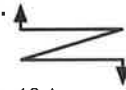


- $3\frac{1}{7}$
- (b)
- $0.1 + 0.07$
- 15 cm
- (a) 50 000
(b) 100 000
(c) 200 000
- $9\frac{1}{4} = 10$
- 2.30 pm
- 3000 m or 3 km
- odd
- 5
- 0.005

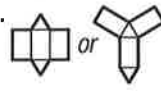
TUESDAY

- 3.20 pm
- $10 \overline{)700}$
- 3 min, 20 sec.
- 355 000
- 24, 4
- 538
- 24
- 7000 m or 7 km
- 54

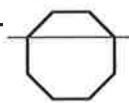


- 35
- 90
- 
- 10:1
- 8
- 15
- 837
- 8 195 000
- (a) 0.60
(b) 5.00
(c) 90
(d) 19.8
(e) \$21.20
- 38

WEDNESDAY

- 9 February
- 32
- 80
- $3\frac{1}{9}$
- 80
- 3, 29 or 13, 19
- 22
- 15°
- 0.6
- true
- 47
- 10 000 L
- (b)
- \$3.80
- 30, 5
- 51
- regular nonagon
- 
- 12 m
- C, A, B


THURSDAY

- 35 cm
- 
- A
- 20
- true
- 40 kg
- $\frac{1}{8}$ or $\frac{1}{2}$ or 0.5
- 85
- 39.92
- scalene
- no
- 132
- 200
- 10 m
- 1 400 000
- 91
- \$20.65
- d
- 26 000
- 12 pm

FRIDAY – page 91

- 45
- (a)
- 48
- scalene triangle
- 6 237 000
- B
- $10\frac{1}{4}$
- b
- 129
- 100 000 L
- false
- 20, 5
- 9
- A
- 499.991
- 10.00
- yes

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS


18. 500
 19. 
 20. 17.5 m
 21. 2:1
 22. 54 cm
 23. C
 24. 5 mL
 25. 50 out of 250 or 1 out of 5 or 0.2 or 20%

WEEK 21 – pages 42–43

MONDAY


1. 106 997
2. 32
3. 35 mm
4. 280, 420
5. 1900
6. M
7. (c)
8. $\frac{4}{3} = 1\frac{1}{3}$
9. kite
10. $(7 \div 1) - (5 + 2) = 0$
11. 20×100
12. 6.8
13. A
14. 2:3
15. 4
16. 15
17. parallel
18. 100
19. 1000
20. 450 mm

TUESDAY

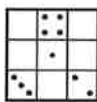
1. even
2. (a)
3. 5
4. $20 + 9$
5. $\frac{31}{7}$
6. $0.8 = \frac{80}{100}$
7. 1620
8. 4 kL
9. 10
10. 30
11. 185
12. 250
13. Z
14. $\frac{16}{52}$ or $\frac{4}{13}$
15. 7
16. \$36
17. For example: 
18. 7335 m
19. 0.1
20. (b)

WEDNESDAY

1. $2\frac{2}{6}$
2. 34
3. 4.995, 0.4995
4. 180°
5. 60 km/h
6. 109 700
7. 450
8. 5 kL
9. 36

10. 7
11. 40 000
12. **37**
13. 100
14. 1007 g
15. 2:7
16. 0
17. 
18. $(70 \div 10) \times (5 \div 1)$
19. 1000
20. Yanchep, Moore River

THURSDAY



1. 360°
2. Rhombus
3. 288
4. 8.45
5. no
6. 24 100
7. $\frac{8}{5} = 1\frac{3}{5}$
8. 2700
9. 420
10. 0.09, 0.5, $\frac{5}{8}$, 1.2
11. true
12. 16
13. 61
14. yes
15. 200
16. 400 000
17. New Wave, 0.54 sec.
18. 10
19. 12
20. 

FRIDAY – page 92

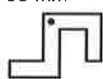
1. 103 992
2. \$12
3. 2200
4. 1700
5. 27
6. 6 kL
7. 2.5
8. 360
9. 3
10. 30 mm
11. 1:4
12. 500 000
13. 3
14. 1000
15. 10
16. 0.09, 0.45, $\frac{4}{6}$, $\frac{4}{5}$, 1.1
17. 0.6, $\frac{60}{100}$
18. $\frac{19}{5} = 2$
19. 160
20. 6.40
21. 2030
22. yes
23. 141
24. 3375
25. 48 km/h

WEEK 22 – pages 44–45

MONDAY

1. 180°
2. 165
3. 0.6
4. 2073
5. 0000
6. 27
7. 1.00
8. 6
9. 70
10. 1:3
11. 0.001
12. $\frac{7}{4} = \$1.75$
13. triangular pyramid
14. €116
15.  or 
16. $8\frac{1}{4}$
17. same
18. 41, 43, 47
19. 2.30 am
20. 60, (a)

TUESDAY

1. 108 994
2. 2.4, $1\frac{1}{5}$, 0.9, $\frac{3}{10}$, $\frac{1}{5}$
3. 10 000 991
4. A
5. 64
6. 1:4
7. $\frac{9}{10}$
8. 55 mm
9. 
10. \$49.50
11. 160
12. (a)
13. 25 km
14. D
15. 45°
16. 0.82
17. MCM
18. 10
19. 601
20. 245

WEDNESDAY

1. 10 010 010
2. 42
3. 1845
4. Wednesday, 10.30 pm
5. $\frac{2}{100}$, $\frac{1}{10}$, $\frac{1}{2}$, $\frac{3}{4}$
6. 24
7. 701
8. pentagonal prism
9. 40
10. \$24.50
11. 501
12. 90°
13. 3, 5
14. 2 kg
15. 24
16. A
17. 28 December
18. 3000

19. (a)
20. (a) \$5
(b) \$2

THURSDAY

1. 4500 or 4527
2. 21
3. 360°
4. 0.695
5. 9.00
6. 801
7. _____
8. $\frac{22}{20} = 1\frac{2}{20} = 1\frac{1}{10}$
9. 8.993



11. 54, 6
12. 2099
13. 48
14. 80
15. \$220
16. πr^2
17. 3965 L
18. 9 am
19. 10
20. A = hemisphere
B = cylinder
C = triangular pyramid
D = cube

FRIDAY – page 92

1. 4072
2. 19
3. 2.998
4. 45°
5. trapezium
6. 2.30 am
7. 104 998
8. 3000
9. 8.00
10. $\frac{25}{20} = 1\frac{5}{20}$ or $1\frac{1}{4}$
11. 8
12. 1002
13. 1394
14. 14



15. 120 cm
16. B
17. 4:5
18. $\frac{4}{10}$
19. $9\frac{1}{4}$
20. 2, 3, 3
21. \$21.00
22. 26 December
23. (a)
24. 80 km
25. 0.2 or 20% or 1 in 5

WEEK 23 – pages 46–47

MONDAY

1. 101 991
2. Sunday 8.30 am

3. $\frac{1}{4}$
4. 6300 or 6273
5. C
6. 10 111 011
7. 280
8. 1.5
9. 60°
10. 352
11. 3.050 km
12. US \$125
13. sphere
14. 400
15. 17.8
16. 12
17. 13
18. 39
19. B
20. 100%, 10%, 1%

TUESDAY

1. 106 988
2. 50 000
3. 45
4. 40 (120, 60, 80)
5. 6.35
6. 0030
7. Answers will vary.
Teacher check

8.

D	C
F	E
A	B


9. A
10. 4 out of 52 or 1 in 13
or $\frac{4}{52}$ or $\frac{1}{13}$
11. \div
12. 19.96
13. 42
14. 100 km/h
15. 100
16. Monday 1.20 pm
17. (b)
18. 6.207
19. 18
20. 2.2, 2.02, 2.002, 2.0

WEDNESDAY


1. 1.30 am
2. 60
3. 0.2
4. 100 000
5. 50
6. $\frac{54}{5}$ ($\frac{540}{50}$)
7. false
8. hemisphere
9. \$225
10. 60°
11. 60 000
12. $\frac{3}{5}$
13. 8.09
14. 0.6
15. 10 000 100
16. A
17. C
18. $\frac{2}{100}$, $\frac{1}{5}$, $\frac{1}{3}$, $\frac{3}{4}$
19. 420 mm
20. 12 000

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

THURSDAY


- 0.2, 20%
- 20 m
- semicircle
- 180°
- 84
- 11
- \$100
- 1 1/5 or 2 2/5
- $x = 55, y = 55$
- no
- 2 2/5
- 7.093
- 17
- 
- 10 m
- 4800
- 0.007
- 4
- 6.30 or 6.33
- 0.0400

FRIDAY – page 93

- 8.090
- 100
- 9
- 57
- 4 3/5
- false
- 2 am
- 100 000
- (a)
- 
- ÷
- \$62.50
- 1021
- 5000
- 400
- 1/3, 3/10, 1/5, 1/100
- 60°
- 4.48
- yes
- 2
- A\$100
- pentagonal prism
- 8
- 0.205
- 90 km/h

WEEK 24 – pages 48–49

MONDAY

- 3.00 or 9.00
(NOT 3.15, 9.15, 5.45 or 11.45 as hour hand does not sit on 6 or 12.)
- 400 m
- 
- 29/3
- 0.25, 0.025
- 1.00
- 4/5
- 40 kg



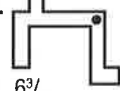
- (a)
- 8.979 kL
- 0.3
- 8 7/5 = 9 2/5
- \$48
- 201
- 5 2/5
- 60°
- 10
- no

19.

		9
36	81	
	54	

20. 4.35 pm Sunday

TUESDAY



- 15 000
- 12 m²
- 80
- 6/7
- 12 750 000
- 60
- 13.27
- 27 km/h
- square pyramid
- AB = 16 mm
AC = 35 mm
- 0.6
- 7.086 t
- 
- 
- 
- 6 3/10
- 20
- 36
- 18th
- 250

WEDNESDAY


- 41 minutes
- 63
- 901
- 112 088
- 0.8
- 5
- 1/4
- cylinder
- 27
- 20
- 27 m³
- 112 215
- B
- 301
- 9.005 L
- 9 pm
- 135°
- \$10
- yes
- (a)



THURSDAY

- 0.1
- Thursday 11.10 am
- 36 L

- 121
- 2.57
- (b)
- 240
- 9 4/3 = 10 1/3
- 201
- 45°
- 130
- 3:4
- 4.035
- 
- 
- 200 mL
- 39 1/2
- 12 3/5
- a, b
- \$20

FRIDAY – page 93


- 115 989
- 0.25
- 405
- 
- 80 m
- 1/2
- 6 3/5
- 20
- 49
- 280
- 3.679 kL
- 500 mL
- true
- 55
- 31
- B
- 175
- 52/7

- 
- 5.45 pm
- 
- 25 mm
- 7.017 km
- \$30
- 0.01 or 1% or 1/100

WEEK 25 – pages 50–51

MONDAY


- 7:40:40
- 3/4
- 70°
- 63 000
- 4
- 1500 L
- 4.30 am
- 29 2/3
- yellow = 4, green = 8
- 0.75
- 0.05
- 6:45 pm
- 270°
- 77

- 8%, 0.9 x 0.1, 0.11,
1 ÷ 2, 0.2 x 5
- 76
- 
- 10 t
- 241
- \$1.65

TUESDAY

- Tuesday 2.55 pm
- 1 000 000
- 700
- 64
- 121, 1210
- 1:2 (2:4)
- 1/8
- 4
- 1/5 or 5
- pentagonal pyramid
- 6
- 0.25
- 600 000
- 35
- 750 000
- 20
- 10
- 85.4
- 2335
- 16

WEDNESDAY

- 1/2
- 240 000
- Teacher check: any shape with five sides.
- 1201
- 3:5
- 60.385
- 1/10
- 58
- 1 000 000
- 
- 7
- 16
- B
- 900, 900 000
- 1.25
- $y = 330^\circ$
- A, B
- 5 out of 15 or 1 in 3
or 5/15 or 1/3 or 0.33 or 33%
- 110
- 19th

THURSDAY

- 560 mm
- 100 km/h
- 4
- 7.3
- 30
- 5
- 34
- 8 3/3 = 9
- Friday 12 am
- yes

- 990 000
- 6800
- 144
- meet
- 0.5, 0.1, 3%, 0.049
- 104
- 3, 5
- 10 m
- 20
- A = 1150 mL
B = 1.2 L
C = 1.1 L
D = 890 mL

FRIDAY – page 94

- 5 am
- 10 km
- 300
- 1/8
- 40.275
- 261
- A and B
- no
- no
- \$1.50
- 0.004
- 132
- 100
- 3:1
- yes
- 2.25
- 60°
- 23



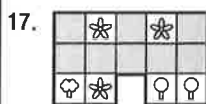
- 9
- 99
- 280 000
- 17th
- 5
- | | |
|----|----|
| | 35 |
| 42 | |
| 7 | 21 |

WEEK 26 – pages 52–53

MONDAY

- 23 and 29 or 5 and 47
or 41 and 11
- 400
- 3:7
- 61
- 0.9, 0.222, 0.11, 5%
- 4/5
- 120
- 162
- icosahedron
- 650
- 2.0
- \$25
- \$55
- 40
- 56, 560
- 7 pm

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS



18. 1800 kg
19. 42
20. 6, 7

TUESDAY

1. 22 000
2. 113
3. Teacher check: any shape with six sides.
4. 32 000
5. 15 000
6. 1750
7. 2:3
8. 450
9. 5
10. 7000
11. Tuesday 1.30 am
12. 700 000
13. 50
14. dodecahedron
15. \$1.55
16. 18
17. Burra, Melton
18. 54
19. 15 350
20. 10

WEDNESDAY

1. C
2. Sunday 9 am
3. $4 \times 4 \times 4 = 64$
4. 6000.5
5. 1, 2 or 5, 3, 4
6. 9250
7. 37 000
8. 70°
9. 1 000 000
10. 4%, 0.5, 2, $6\frac{1}{4}$
11. 3
12. 120
13. 0.6
14. -5, -4, -2, 0, 3, 8
15. 9.1, 0.91
16. 80
17. 150°
18. 105
19. 7, 0.7
- 20.

Shapes move two places anti-clockwise.

THURSDAY

1. 180°
2. 2346
3. 11
4. 85
5. \$200
6. (b)
7. 16 250
8. $\frac{6}{7}$
9. 36



11. 23, 1.04
12. 12 650
13. 900 000
14. 130
15. 10.5 km
16. \$160 000
17. 500.5
18. 857
19. 26 December
- 20.

FRIDAY – page 94

1. 1.00
2. 39 000
3. 6
4. 1810
- 5.
6. 54
7. 0.7
8. 28 000
9. 8
10. no
11. 13
12. 8.93
13. 9100 mm
14. 2:2 or 1:1
15. 20
16. 16 720 kg
17. \$200
18. 52
19. 26
20. $13^{13/8} = 14^{5/8}$
21. A
22. \$360 000
23. Wednesday 4.20
24. \$70
25. \$22.50

WEEK 27 – pages 54–55

MONDAY

1. acute
2. 200 mm
- 3.
4. $\frac{83}{8}$
5. 2100
6. 3000
7. 10, 10
8. 244
9. 1150
10. 90
11. 120 g
12. 31
13. Teacher check; e.g.
14. same
15. 24
16. $a = 60^\circ, b = 120^\circ$
- 17.
18. 30

19. 540°
20. \$15

TUESDAY

1. 12.50
2. cube or pentagonal pyramid
3. (b)
4. 24
5. 5
6. $0.6, \frac{3}{4}, \frac{4}{5}, 1.2$
7. yes
8. 12 cm^2
9. 2.69
10. 500
11. 1.4 L
12. 0.3 kg
13. 65
14. 9
15. sphere
16. 46
17. 2050.5
18. 27
19. 14 250 000
- 20.

WEDNESDAY

1. 24
2. 0.02
3. 0.4
4. 12
- 5.
6. 36
7. 20
8. 85°
9. 0.04
10. yes
11. 48
12. 90°
13. 25.2
14. 545
15. $\frac{3-2}{4} = \frac{1}{4}$
16. \$2.10
17. 25
18. 43 mm
19. x
20. 15th century

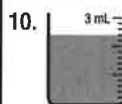
THURSDAY

1. triangular prism or square pyramid
2. $\frac{1}{3}$
3. (a)
4. 40
5. 5 buckets, 4 left
6. 0.04
7. 0.289
8. 13
9. $\frac{7}{4} = 1\frac{3}{4} = \1.75
10. C, B, A, D
11. $1\frac{1}{4} = 2\frac{3}{4} = \2.75
12. 29.2

13. 0.4 m
14. $50 (\frac{6}{50}, \frac{20}{50})$
15. Teacher check: any shape with eight sides
16. 204
17. 8
18. 121
19. 24 hrs 15 min
20. railway lines, powerlines

FRIDAY – page 95

1. 11.35 pm
2. 1800
3. Teacher check: any shape with six sides.
4. 1200
5. 0.02
6. 12
7. 5.5
8. 701
9. 393



11. 27
12. 63 m^2
13. 0.35
14. x
15. scalene
16. 83
- 17.
18. 0.8 kg
19. 90°
20. 3 033 500
21. 510
- 22.

23. \$15
24. $a = 50^\circ, b = 130^\circ$
25. 36

WEEK 28 – pages 56–57

MONDAY

1. 336
2. 25
3. heptagonal pyramid or hexagonal prism
4. $7\frac{1}{8}$
5. 2000
6. A = 40 g B = 4000 g
C = 4 g D = 400 g
7. 1600
8. 161
- 9.
10. 0.065 L
11. 1 250 000
12. 4.045
13. 250%
14. $24 000 \text{ cm}^3$
15. $100 \div 2 = 50$
16. 1.30 am



18. 60%
19. $17 - 87$ or 70
20. \$17.50

TUESDAY

1. $48\frac{1}{2}$ hours
2. 24
3. 1000
4. 15
5. 500
6. \$210
7. 14.018
8. equilateral
9. 100 mL
10. 2
11. 0.089
12. $\frac{19}{4}$
13. 3.7



15. 791
16. 10 000
17. $90^\circ, 180^\circ$
18. 2000
19. 54
20. true

WEDNESDAY



1. 32.016
2. triangular pyramid
3. $\frac{2}{3}$
4. 31
5. $180^\circ, 360^\circ$
6. 194
7. 49
8. 35
9. 64 km
10. rhombus, 360°
11. $a = 120^\circ, b = 60^\circ$
12. 9
13. \$62.85
14. 19 February
15. 1 100 000
- 16.

17. 2, 2, 2, 3
18. \$10.50
19. 10 (complete addition before subtraction)
20. 0.13



THURSDAY


1. 900 000
2. 12 out of 52 or 3 out of 13 or $\frac{12}{52}$ or $\frac{3}{13}$
- 3.
4. 28 m^2
5. $a = \pi \times r^2$
6. angles less than 90°
7. $4\frac{7}{20}$
8. $0.8 = 80\%$
9. 450
10. 8
11. $x = 120^\circ, y = 120^\circ$


NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

12. 3
13. 7.1
14. 
15. \$70
16. 20
17. 0.035
18. 0.52 kL
19. A = 8000 m B = 8 m
C = 800 m D = 80
20. 

FRIDAY – page 95

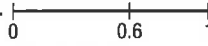
1. pentagonal pyramid
2. 864
3. Any 3 of: A, B, C, D, E, H, I, K, M, O, T, U, V, W, X, Y
4. 
5. $47\frac{1}{2}$ hours
6. 0.07
7. 0.025 L
8. 6
9. 72
10. $0.6 = 60\%$
11. 902
12. 

13. 635
14. 

15. 350%
16. 3, 7
17. 36 000
18. 0.14 m
19. 15
20. 
21. \$80
22. 4.30 am
23. A = 9 g B = 9000 g
C = 900 g D = 90 g
24. 56 km
25. \$11

WEEK 29 – pages 58–59

MONDAY

1. (c)
2. 60
3. hexagon
4. 0.005
5. 0.925
6. 77
7. 80 700
8. 500
9. 
10. 5%, 0.99, $3\frac{2}{3}$
11. 14 000

12. 1000 cm³
13. 0
14. 43
15. 1000
16. \$162
17. 500
18. 80c
19. 2.75 sec.
20. 0.002 kg

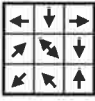
TUESDAY

1. 525
2. 36
3. 3 m
4. 2250
5. 54.12
6. 50
7. 267
8. \$44
9. rhombus
10. Teacher check; e.g. money order, direct deposit
11. 0.049
12. 4.5, 2.5
13. $19\frac{1}{20}$
14. size
15. 44
16. 14
17. 1 kL
18. $10 \times 10 = 100$
19. Favourite dog names

Mutt	Tom	Bella	Bella	Mister
Tom	Tom	Bella	Spoke	Dog

20. 7

WEDNESDAY

1. triangular pyramid
2. 222
3. (c)
4. 60
5. false
6. 1.497
7. $\frac{1}{2}$
8. (5, 19) or (7, 17) or (11, 13)
9. 0.4
10. \$22.50
11. $\frac{2}{5}$
12. 100
13. 1200
14. 4 m
15. 1000 mL
16. 225, 675
17. 0.15 t
18. 190
19. $48\frac{1}{2}$ hours
20. 

THURSDAY

1. 7.54 am or 0754
2. 130

3. $y = 35^\circ$
4. 5
5. 175, 525
6. 31
7. 195
8. 320
9. 2.323
10. 75°
11. 4, 5
12. 32
13. 3.002
14. **SEAT**
15. false
16. 60
17. 1.7 kg
18. 0.007 m
19. 17 000
20. \$992

FRIDAY – page 96

1. \$1.75
2. 0.268 t
3. (a)
4. 0.005 m
5. 2 days, 2 hours, 20 minutes
6. 275
7. 120
8. 2.726
9. 5 m
10. 65°
11. 100 000
12. 1000
13. 901
14. 25
15. hexagon
16. 71 000
17. 2.34, 90%, 18%, 0.11
18. 210
19. true
20. 0.185 kL
21. 1.2 m²
22. \$70
23. \$66
24. pentagonal prism
25. 100 L

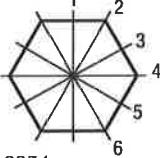

WEEK 30 – pages 60–61

MONDAY

1. 0.125
2. $29\frac{1}{2}$ hours
3. 210
4. 0.8
5. 350
6. 500
7. 20
8. 270
9. 750 m
10. \$300, \$100
11. 400
12. 10 000 800
13. no
14. 84
15. 540 cm

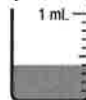
16. 0.045 L
17. \$42
18. 6
19. 1045
20. 1417

TUESDAY

1. 
2. 2354
3. 1800
4. century
5. $0.75 = 75\%$
6. \$240 000
7. 3500
8. 
9. 550
10. false
11. 340 000
12. $400 \div 4 = 100$
13. 38 mm
14. 280, 560
15. 0.75
16. 0.11
17. C
18. 318
19. 180 mm
20. pentahedron


WEDNESDAY


1. 1050 m
2. 0.04 m
3. 1.9
4. E
5. 25°
6. 8 Feb
7. 5



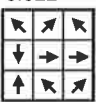
9. 0.2937
10. kite
11. 1.8
12. 1
13. 2:5
14. 63
15. 1st – Toon Army
2nd – Tea Bags
3rd – Gourmet
4th – Delroy
16. \$4000
17. 0.044
18. 40
19. 
20. 6

THURSDAY

1. 132 m²
2. 
3. 9875
4. no

5. 1.5 kg
6. 180°
7. 111
8. $9\frac{9}{10}$
9. 1.1
10. 315°
11. $>0^\circ, <90^\circ$
12. B
13. 36
14. 12
15. 10.1
16. 22 (do ÷ first)
17. 
18. \$70
19. decade
20. 8

FRIDAY – page 96


1. 1250 m
2. 1.7
3. 19 000
4. no
5. 170
6. 3400
7. 1:3
8. 655
9. 30
10. 0.022
11. 
12. 4.45 pm
13. $7\frac{16}{20}$
14. 250°
15. 54
16. 9.703 km
17. 0.14 m
18. 1 kg
19. 6.0
20. 1 200 000
21. 0.4
22. 160, 320
23. 8.1
24. 5.15 am
25. \$250 000

WEEK 31 – pages 62–63

MONDAY

1. 8:55:05
2. 1.00
3. 360 mm
4. a
5. 4000
6. false
7. 37
8. 6.96
9. -3, 20% of 4, 1.21, $\frac{2}{3} \times 2, 4^2 \times 0.1$
10. \$25
11. 13
12. 25
13. 13 mm
14. Any three of: A, B, C, D, E, H, I, K, M, O, T, U, V, W, X, Y

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

15. 0.06
16. 200 mL
17. 
18. C
19. 363
20. 5.42

TUESDAY



1. true
2. decagon
3. 16
4. 7.992
5. 300 000
6. 41
7. 1:2
8. 250 mm
9. \$19 500
10. b, z
11. 36
12. 21 000
13. 44 mm
14. 2100
15. 18
16. 750 ml
17. 550
18. 8
19. 42

20.


	24	
	18	
22		21

WEDNESDAY

1. \$98.10
2. $40 \times 3 = 120$ or $40 + 40 + 40 = 120$
3. 2.30 pm
4. 1.10
5. 100 000
6. 2050
7. 61
8. \$42 500
9. 0.001 m
10. yes
11. 1.1
12. **43E**
13. 13
14. 300 000
15. 37
16. saturday
17. 200
18. 43
19. 6

20. 
1. 2 hr 25 min.
 2. 35 mm
 3. 
 4. 8
 5. 20
 6. 42
 7. 450 000

THURSDAY

1. 2 hr 25 min.
2. 35 mm
3. 
4. 8
5. 20
6. 42
7. 450 000


8. $3\frac{1}{3}$ cups
9. 4.6
10. 2
11. false
12. 2.945, 2.845
13. 1 in 2 or 50% or 0.5
14. icosahedron
15. 0000
16. 100%, 10%
17. 0.001
18. 21
19. 360°
20. 8:4 or 2:1

FRIDAY – page 97

1. 1 hr 22 min.
2. 25 600
3. 400 000
4. false
5. 7.995, 7.95
6. 38 mm
7. 10%
8. 420 000
9. 41
10. 1600 mL
11. 16
12. 100 000
13. 4.93
14. $n = 5$
15. \$37 500
16.



	33	
25	28	
		30

17. 

17. \$65
18. 54
19. 
20. 760
21. 401
22. yes
23. 6.5
24. 360°
25. 0010

WEEK 32 – pages 64–65

MONDAY


1. 1000
2. 8
3. 
4. $\frac{25}{4}$
5. 10 512 015
6. 80c
7. 100 000
8. 225
9. 1 mm
10. 0.01 or $\frac{1}{100}$
11. 100
12. $2\frac{2}{5} = 3\frac{3}{5}$
13. 
14. 2000
15. 1
16. $\frac{19}{7}$

17. **SAE**
18. 48 000 cm²
19. $\approx \$400$ or $\$384$
20. 3.00 am

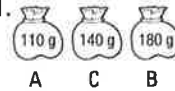

TUESDAY

1. 25
2. 3 650 000
3. \$60
4. $3\frac{1}{4} = 7\frac{3}{4} = 7.75$
5. 990
6. 6050 m
7. 255
8. _____
9. 60 mL
10. 72 km/h
11. 0.01
12. $8\frac{1}{6}$
13. 6, 7
14. 20 m
15. 603 km
16. 15
17. 1
18. \$18.25
19. true
20. 2-D

WEDNESDAY


1. 4.45 pm
2. 8 200 000
3. 1:4
4. 7092 mL
5. 15 km/h
6. C, Z
7. 6.01
8. 20 m
9. 20 000
10. A, C
11. 3, 47 or 7, 43 or 13, 37 or 19, 31
12. yes
13. 54
14. 15
15. 70
16. 
17. \$36.45
18. 1%, 0.1, $\frac{5}{10}$, 0.99
19. 16
20. 859

THURSDAY

1. 
2. (c)
3. **TSA**
4. 6.993
5. 54
6. 10
7. 4 640 000
8. 1:6
9. 4200
10. 

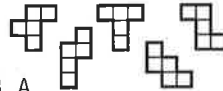
11. 8:24 or 1:3
12. 1250 g
13. 125
14. 40°
15. 19 February
16. 11th century
17. 130 000
18. 8:10 or 4:5
19. 415 000
20. 1.25 t

FRIDAY – page 97


1. 1 000 000
2. $\frac{5}{6}$
3. 1
4. 55°
5. 
6. 15
7. 96 000
8. b
9. 16.18
10. $6\frac{2}{3} = 7$
11. 12
12. 10
13. \$50
14. **3ET**
15. 81
16. \$48.15
17. 60
18. 2.075 m
19. 0.01 or $\frac{1}{100}$
20. 10 pm
21. 1500 m²
22. 155
23. 3100
24. 15 km/h
25. 1.75 kg

WEEK 33 – pages 66–67


MONDAY

1. 10 °C
2. 765
3. (c)
4. 240 000
5. 41, 43, 47
6. 16.018
7. \$12.50
8. 81, 9
9. 1
10. $7\frac{1}{2}$
11. (b)
12. 56
13. Wednesday 8.35 am
14. 0.8
15. (a)
16. 45
17. Teacher check; e.g. 
18. A
19. 423
20. 7205 g



TUESDAY

1. 3, 5, -2, 7
2. 35 m²
3. 5:5 or 1:1
4. 6 090 000
5. 87 000
6. 8.97, 0.003
7. 281 000
8. 1:12
9. 
10. 45
11. 51 min. 50 sec.
12. 45
13. \$45
14. (b)
15. Answers will vary. Teacher check
16. 1000 or 10⁴
17. $5\frac{1}{2}$
18. \$9000
19. 107 cm
20. 2052

WEDNESDAY

1. 5, -3, -9, 73
2. 8.025
3. 6:4 or 3:2
4. $4\frac{1}{2}$
5. (a)
6. 3.30 pm
7. 62 500 m²
8. \$5.50
9. (b)
10. 
11. no
12. \$120
13. 1:12
14. 8005 mm
15. true
16. C or D
17. 540°
18. Sunday 11 August, 2300 hrs
19. 120
20. (a)

THURSDAY

1. 43, -7, 92, -16
2. 720°
3. 
4. 3 050 000
5. 0.01 or $\frac{1}{100}$
6. 97 500 m²
7. 5
8. 255 000
9. P = (2, 3)
Q = (2, -2)
R = (-2, -2)
10. 
11. 4.0
12. 485 000

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

13. 1 000 000



14. 12

15. 1200

16. true

17. \$15.80

18. 1

20. Monday 10 April,
2300 hrs

FRIDAY – page 98

1. 36

2. 7, -5

3. 3 200 000

4. 29

5. 8.035

6. 6:4 or 3:2

7. 990

8. 40 000 000

9. 15

10. 3%, 0.3, 51%, $8\frac{1}{2}$

11. 540, 720

12. 1500

13. 203 cm

14. \$8

15. 10 °C

16. d



18. a

19. c

20. 5000

21. **X**

22. 301

23. \$5.40

24. 313 000

25. Tuesday 14 March,
2335 hrs

WEEK 34 – pages 68–69

MONDAY

1. 2

2. 2

3. 11

4. 8, 0.8

5. $\frac{7}{10}$

6. 100 910

7. 2 080 000

8. 81 000

9. 38 000

10. 25 cm

11. 15

12. base

13. A, B, C

14. 1800

15. 0.001

16. A or B

17. 12 m²

18. 2.25

19. 9380 m

20. 6

TUESDAY

1. -1

2. 6 m³

3. 0.078

4. 4 m, 5 m

5. 2 800 000

6. 1.68

7. 1958

8. Tub : D

Marble : G

9. 41

10. 157

11. 0.001

12. 0.021

13. $8\frac{-5}{10} = \frac{3}{10}$

14. C

15. \$108 000

16. 27 00

17. $a = 5$

18. 7720 g

19. 2.00

20. 1000 L = 1 m³

WEDNESDAY

1. 1:24

2. -4

3. $3\frac{4}{5}$

4. $\frac{1}{5}$

5. 0.039

6. $a = 3$

7. 8

8. (a)

9. 1920

10. 0.9 m, 8000 cm,
189 m, 207 km

11. 0.004

12. (a)

13. 1000 cm³

14. Teacher check: Any
shape with six sides.

15. 0.100

16. 24 m²

17. $\frac{6}{3} = 2$

18. Any three from: A, B, C,
D, E, H, I, K, M, O, T, U,
V, W, X, Y

19. 3:2

20. \$63

THURSDAY

1. -9, 70, -3, 9

2. 6 m²

3. \$4.10

4. 1500

5. (a)

6. 7:12

7. 2

8. 171

9. 4000 or 3990

10. 0.15

11. 49

12. 

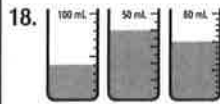
13. 927

14. 0.125

15. 6000

16. 4.00

17. 180°



19. 2105

20. 300

FRIDAY – page 98

1. $\frac{1}{7}$

2. 5

3. 5

4. 24

5. 48 m²

6. 0.018

7. $a = 60^\circ$, $b = 55^\circ$,
 $c = 115^\circ$

8. 6400

9. 936

10. 0.026

11. 2265

12. -3

13. 63

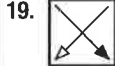
14. 9

15. 2001

16. $\frac{9}{10}$

17. $\frac{9}{4} = 2\frac{1}{4}$

18. 1000 L



20. \$35

21. Arc

22. 3 min. 20 sec.

23. 4005

24. 50 m²

25. \$500

WEEK 35 – pages 70–71

MONDAY

1. -15 °C

2. $\frac{11}{4}$

3. 35

4. 3200

5. 11 400

6. (a), (c)

7. (b)

8. 210 000

9. 130°

10. 9940

11. -10

12. 80 980

13. (c)

14. true

15. 6

16. 0.4

17. 24

18. 1 am

19. 2.12 sec.

20. 9763

TUESDAY

1. true

2. $y = 270^\circ$

3. -8

4. $\frac{67}{8}$

5. 10

6. 1020

7. 8030 mm

8. B

9. 0.067

10. 16

11. 12

12. 0.09

13. A

14. 0.09

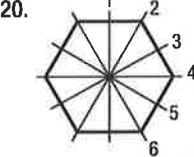
15. 0330

16. 4

17. 8764

18. 9950

19. $\frac{11}{12}$



WEDNESDAY

1. $4\frac{1}{2}$

2. false

3. -7

4. 1.475 kg

5. 1710

6. 9975

7. 180

8. $a^\circ = 75^\circ$

$b^\circ = 70^\circ$

$c^\circ = 145^\circ$

9. 10.30 pm

10. 19

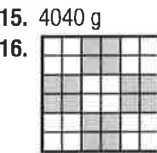
11. 20

12. **E**

13. 52 400

14. 6 kg

15. 4040 g



17. 24

18. $\frac{1}{4}$

19. 136

20. (c)

THURSDAY

1. 32

2. $c = 19$ (all prime 2–23)

3. 4-pack

4. false

5. 151

6. 1:20

7. 335

8. -2

9. 10

10. Bridgetown, Busseton

11. 9

12. Teacher check;



13. 2.7

14. 

15. $\frac{7}{8}$

16. 1000 L

17. 7050 mL

18. 2 days, 1 hour, 25 min.

19. $434 + 69 = 503$

20. 10 km

FRIDAY – page 99

1. 6

2. 40.70

3. 2360 g

4. 13

5. 40

6. 3-pack

7. 9973

8. 26

9. 906

10. 5 am

11. 

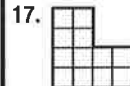
12. 447.5

13. 7000

14. 86

15. Tuesday 14 June 2240

16. $249 + 75$



18. 90

19. **T**

20. 148

21. 5.2

22. 4 km

23. D

24. $a = 8$

25. Lorne, Gympie

WEEK 36 – pages 72–73

MONDAY

1. 70

2. 1.5

3. 4:2 or 2:1

4. 21

5.

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

14. \$2500
15. $\frac{5}{6}$
16. yes
17.

A

18. Teacher check; answers will vary.
19. 63
20. -3

TUESDAY

1. 2.30 am
2. 27
3. -2
4. 40
5. 1.85 m
6. -5, 4% of 4, 10% of 2, 0.21, 1.05
7. 190
8. 180
9. (b)
10. 5
11. 2
12. \$58.90
13. yes
14. 0.3, 20%, 0.11
15. 60 m²
16. \$3000
17. -3, 4, 7
18. \$60
19. $\frac{2}{3}$
20. \$40.50

WEDNESDAY

1. 2.5 km or 2500 m
2. $12\frac{1}{3}$
3. 800
4. 1000 L
5. $\frac{3}{10}$, $-\frac{1}{5}$, $\frac{1}{4} \times 1.2$, 47%, $8^2 \times 0.01$, 2.08
6. 9.0
7. 116
8. east
9. 8



11. 13
12. Teacher check
13. yes
14. (e)
15. \$63.75
16. 200 mL
17. 32
18. 8 km
19. 8:21
20. 1000 mL

THURSDAY

1. 0.001 g
2. 1970
3. 4
4. convex
5. \div
6. 500 g
7. 0.909
8. (c)

9. 6.13
10. 84
11. Teacher check
12. $e = 5$
13. 192
14. 6:52
15. 4
16. \$26.55
17. B, C, A
18. $3\frac{4}{5}$
19. 500 mL or 0.5 L
20. 3 km

FRIDAY – page 99

1. 2 pm
2. -2
3. 0.125
4. 3
5. 2.17
6. a
7. 2.070 m
8. 0.001
9. 6
10. $7\frac{1}{2}$
11. \$62.70
12. 9.0
13. 196
14. no
15. \$25
16. 32
17. (a)
18. 2.1, $\frac{1}{5}$ of 4, $7^2 \times 0.01$, 0.32, 15%
19. \div
20. 6 km
21. 100 mL
22. 0.5
23. 14
24. 40 m²
25. \$800

WEEK 37 – pages 74–75

MONDAY

1. 4095
2. 2 000 000
3. 17
4. 40
- 5.
6. 118 000
7. (b)
8. 0.8
9. 28
10. 30
11. 1 March
12. 630 000
13. 14 073 mm
14. 29 July
15. 1750
16. $\frac{5}{16}$
17. 8
18. 2
19. 0.99
20. $A = \frac{1}{2}$, $B = \frac{1}{6}$, $C = \frac{1}{8}$

TUESDAY

1. True
2. 24 000
3. 4
4. \$69.80
5. 500 000 000
- 6.
7. 12 379
8. 59 000
9. 50
10. 27 March
11. 675
12. 19 356 g
13.

A

14. 0.04, 0.004, 0.04
15. 0.2
16. 60 mm
17. 3.14
18. 7 km
19. 108
20. $a = 54^\circ$
 $b = 72^\circ$
 $c = 126^\circ$

WEDNESDAY

1. 12.051 L
2. 4, -8, -4, 6
3. $6\frac{1}{10}$
4. 10.1
5. yes
6. true
7. 9% or 0.09, 0.09% or 0.009, 9% or 0.09
8. 10
9. 100
10. (a)
11. choc = 5, sugar = 15
12. 1:12
13. 9 February
14. 1 h 35 min.
15. 0.01
16. 9
17. 2.0
18. 0.016
19. 24 m²
20. A

THURSDAY

1. 0
2. (a)
3. 875
4. $A = \frac{1}{6}$, $B = \frac{1}{6}$, $C = \frac{1}{3}$, $D = \frac{1}{3}$
5. 24
6. 20.4
7. 180°
8. no
9. south
10. 4 October
11. 33
12. 27

13. 26 000
14. 325
15. 12
16. 219 442
17. 14
18. 1 = 7000 g, 2 = 80 kg, 3 = 0.4 t
19. 3 400 000
20. (b)

FRIDAY – page 100

1. 0.042
2. yes
3. 14
4. 12
5. 770
6. sugar:24, lemon:12
7. 13
8. 0
9. 3.16
10. 26 December or (25 December for leap)
11. 320%
- 12.
13. 3476
14. $a = 58^\circ$, $b = 48^\circ$
 $c = 106^\circ$

15. west
16. 5 November
17. 0., 40 cm, 1200 m
18. 197
19. 12.5
20. 7 050 000
21. 1 hr 10 min
22. no
23. yes
24. circles
25. 20

WEEK 38 – pages 76–77

MONDAY

1. 6:9:3
2. 48
3. 0.06
4. 76
5. 100 000
6. 127
7. 10 kL
8. 4.90
9. 108°, 120°
10. 3.6
11. 304
12. B
13. 24 300
14. 40 m²
15. \$2200
16. -4
17. 9050
18. 6
19. 70
20. 20

TUESDAY

1. 12:9:15
2. 253, 509
3. 90
4. 4890 m
5. square
6. north-east
7. 35
8. 17.5 m²
9. 10 000
10. 303.4
11. $A = 4$
 $B = 4000$ m
 $C = 400$ m
 $D = 40$ m
12. 4073
13. 950 L
14. 1.00
15. 4
16. $4 + \frac{5}{6} = \frac{9}{6} = 1\frac{3}{6} = 1\frac{1}{2}$
17. 20 June 2245
18. 400
19. 18.014
20. 1:18

WEDNESDAY

1. 1000
2. (c)
3. $12 + \frac{10}{15} = \frac{22}{15} = 1\frac{7}{15}$
4. 4, 3, 1, 2, 5
5. 1 000 000
6. $100 - 16 = 84$
7. 301
8. \$50
9. 52
10. 2.35
11. 18 x 12, 24 x 9
12. 2020 m
13. \$55
14. 32, 64
15. 45
16. south-west
17. 6 m²
18. \$90
19. 14
20. 4300 m

THURSDAY

1. 2 750 000
2. 10 000
3. 1979
4.


	Mon	Tue	Wed	Thu	Fri
Sales	10	27	15	8	16
Bal'	90	63	48	40	24

5. false
6. 13
7. 101
8. 54
9. 145°
10. 7
11. 96
12. \$1440
13. 800 L
14. 10

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS


- 21
- 35
- hemisphere
- 
- 40
- \$3.75

FRIDAY – page 100

- 9
- 8 cm
- 3800 m
- 23
- 330
- 4.73
- 9:21:6
- 
- \$68 000
- $\frac{2}{6} + \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$
- $6 \times 27 = 18 \times 9$
- north-west
- 74
- 2 140 000
- 7.0
- 20
- 20 cm
- 3
- (d)
- 1500
- 96
- 8500 L
- 1.5 m^2
- Monday 19 November 2250
- 10 000


WEEK 39 – pages 78–79

MONDAY

- 82 705
- false
- $n = 10$
- 6.3
- 
- $\frac{3}{8}$
- 14
- 0.407 km
- < 7
- 42.5 km
- $2\frac{3}{7}$
- 0.04
- 20
- 5
- 8 pm
- 54 km
- 9.1
- \$75
- $\frac{1}{3}$
- 132

TUESDAY

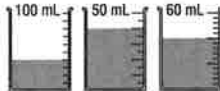
- true
- 36

- 1 000 010
- (c)
- 29 m
- 20
- 12
- 9.3
- D
- 8
- 
- 16.5 ha
- 3 pm
- 19th
- 30%
- $100 + 150 = 250$
- 10^4 , half a million, 890 900, 0.9 million
- 23 500
- \$71
- 5

WEDNESDAY

- 1500 m or $1\frac{1}{2}$ km
- 20
- 366
- 165 cm
- 3
- false
- \$1300
- 195
- 3200, 320
- 6
- $4 + \frac{5}{10} = \frac{9}{10}$
- 60
- no
- 12
- 100, 25
- Answers will vary. Teacher check
- 1 mL
- 0.014
- 121, 11
- 3, 4

THURSDAY

- $\frac{1}{4}$
- 4
- 9207 L
- 
- 1 080 000
- 2, 2, 2, 3
- 18
- 144
- 9.9
- 8.25 ha
- sphere
- A, B
- 2469
- 0.75
- true
- 2.7
- 11, $\frac{8}{2}$, $1\frac{1}{2}$

- 5.23
- 999 999
- 7

FRIDAY – page 101

- (b)
- 6
- 225
- 4
- prism
- 3001
- 37
- 5250 m
- $n = 4$
- 18th
- 90%
- 7
- 55 mm
- 25
- 0.01
- 7
- 465
- 0
- 54 m^2
- \$1620
- 5
- 8 km
- 9
- 3
- 25.

		24
88	40	
		32

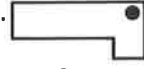
WEEK 40 – pages 80–81

MONDAY


- TT, HH, TH, HT
- 12
- 90
- 3
- 5.4 km
- 8.3
- 3 am
- 8.2
- \$65
- north-east
- heptagon
- 108
- 2800
- 4
- 2.2 or 1.1
- 36
- Tuesday
- 31
- 2400
- 1825 g

TUESDAY

- 250
- -20°C
- 9
- 42
- 49 cm^2
- Teacher check
- 45 km
- 601

- 45
- 8780
- 1.005 million or 1 005 000
- west
- 1.45
- 
- $n = 8$
- 4
- 8000
- yes
- 21, 2100
- 1.59.62

WEDNESDAY

- north-east
- (d)
- 180
- 1:16
- 52 m
- b
- 701
- $32 + 16 = 48$
- 12, 6, 600
- 2750
- 10 053 000
- 



- 8.7 km
- 28 km/h
- true
- 2590
- 4.2
- x
- $\frac{5}{6}$
- 60

THURSDAY

- Answers will vary
- (d)
- 30, 270
- 4
- 24
- 1928
- 0.25 or $\frac{5}{20}$ ($\frac{1}{4}$), 25%
- 9
- 11.30 pm
- \$6.50
- 240
- $14 + 21 = 35$
- 25
- A
- 128
- true
- 3920
- 3:4
- (a) \$1
(b) \$10
- 14

FRIDAY – page 101

- 2.30 pm
- 27
- 1.015 million or 1 015 000

- 1550
- The whole rectangle (12 x 8) is shaded
- 6
- 4
- (b)
- false
- south-east
- 28
- $n = 10$
- 8:32:12
- 
- 701
- 48 m
- 16
- 128
- 150 cm
- 4
- 
- 32 posts
- $8 + \frac{3}{12} = 11\frac{1}{12}$
- 2
- 997

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

WEEK 1 – pages 2–3

MONDAY

1. 2.35
2. 40, 0.4
3. 90°
4. 3
5. $\frac{8}{5} = 1\frac{3}{5}$
6. 1 000 000
7.

○	○	○
		○
8. 2 or 5
9. Similar
10. 16 cm^2
11. 2
12. $\frac{1}{2}$
13. trapezium
14. 3
15. 10
16. 4
17. 45 mm
18. 1800
19. b
20. 3.8

TUESDAY

1. 4.55
2. 43
3. 3
4.

11	9	55	23
----	---	----	----
5. 250
6. 8
7. 45
- 8.
9. c
10. 540°
11. (b) 5×5
12. 144
13. 10 000
14. Albury, Orange
15. 0.64
16. 100 mL
17. \$12
18. 50
19. 21
20. 3

WEDNESDAY

1. US \$20
2.

○		
	○	○
○		
3. 19, 29
4. 1 000 010
5. 5.7
6. $8, 135^\circ$
7. 2100
8. 45
9. 16
10. 16 mm
11. $\frac{2}{3}$
12. 90°

13. \$20
14. $4 \times 24, 2 \times 48 = 1 \times 96$
15. 45
16. 800 kg
17. 6
18. 4 in 20 or 0.2 or 20% or $\frac{1}{5}$
19. 80 000
20. (b) 6×6

THURSDAY

1. 6.05
2. $\frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$
- 3.
4. 0.5 5. 12 cm
6. \$5 7. 56
8. 600 9. 3
10. (a) Eastern
(b) Central
(c) Western
11. 90°
12. 4
13. 17 000
14. 1000 kg or 1 tonne
15. 5
16. 18 km
17. 5×24
18. 10 000 100
19. Bow Bridge, Denmark
20. 50 mL

FRIDAY – page 82

1. 1.55
2. 1 000 010
3.

45	36	35
----	----	----
4. 27
5. b
6. 90°
7. 15
8. 41
9. 4
10. 2100 kg
11. 4
12. b, d
13. \$30
14. $\frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$
15. 24 km
16. 7
17. trapezium
18. 72
19. 30
20. \$15.75
21. 53
22. 5
23. Wubin, York
24. 2000
25. 1 mL

WEEK 2 – pages 4–5

MONDAY

1. 5.45
2. AUD \$150
3. cylinder

4. 16 000
5. 100 000
6. 26
7. 10 101 000
8. 1.85
9. 180°
10. 4
11. 1000
12.

	○	
	○	○

13. A, B
14. \$15
15. 2
16. 34
17. 35 cm
18. 4
19. false
20. 12 min.

TUESDAY

1. 12.05
- 2.
3. yes
4. 45, 29
5. 60, 75
6. 220
7. 32
8. $\frac{8}{4} = 2$
9. heptagon
10. 1.5 m
11. 1917
12. 5
13. 3000 m^2
14. triangular prism
15. 9, 9.75
16. c
17. 2.35
18. 300, 600
19. 69 km
20. 9

WEDNESDAY

1. C
2. 4.13
3. one million, one thousand, one hundred and ten
4. 40
5. 1.28
6. true
7. 2.3 cm
8. 32 mm
9. 400 000
10.

A		
B	A	C
11. \$32
12. 5
13. false
14. 21
15. 75, 125
16. 200 cm^3
17. 8.1

18. 8
19. 54 cm
20. 22

THURSDAY

1. 3.30
2. b
3. nonagon
4. 1300 kg
5. 12 6. 21
7. 8 8. 900
9. $\frac{5}{10}$
10. 11 minutes
11. 9, 0.9
12. C
13. 8
- 14.

15. 15 km
16. 6 out of 10 or 3 out of 5 or 0.6 or 60%
17.

48	56	24	6
----	----	----	---
18. 5.3
19. \$30
20. 10

FRIDAY – page 82

1. 7.30
2. 3.5
3. 2
4. heptagon
5. 21 min.
6. 4
7. 16 cm
8. 110
9. 0.12
10. 70
11. 750
12. 400 cm^3
13. \$24
- 14.

15. 8
16. 35 cm
17. 4
18. 400 000
19. $\frac{4}{5}$
20. nonagon
21.

29	33	17
----	----	----
22. 6.7
23. 0200
24. 4 out of 2 or 1 in 5 or 0.2 or 20%
25. 100 000

WEEK 3 – pages 6–7

MONDAY

1. US \$75
2. $1\frac{1}{5} = 2\frac{1}{5}$
3. 45°
4. no

5. 50°
6. 32
7. 9
8. $8\frac{4}{5}$
9. 1:100
10. 7 m
11. false
12.

X		X
	X	

13. 0.13
14. 1000 g
15. $5\frac{1}{2} \text{ m}$
16. 17.2
17. 8
18. 28 km
19. 6.1
20. 38, 3.8

TUESDAY

1. 9.05
2. 9
3. $\frac{2}{5}$
4. 12
5. 4.95
6. 42
7. 4.9 cm
8. 20:10 or 2:1
9. 32
10. \$48
11. 1000
12. 6.45
13. 33
14. 180°
15. 12 cm^3
16. 3
17. (a) 10×3.5
18. 1500 kg
19. 6
20. \$45

WEDNESDAY

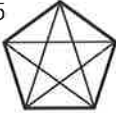
1. 21
2. 2 out of 20 or 1 in 10 or 0.1 or 10%
3. 81
4. 90
5. 5:20 or 1:4
6. $\frac{5}{6}$
7. $\frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$
8. C
9. \$30
10. 1 000 000
11. 1:100
12. 5
13. \$80
14. 63
15. 44 cm
16. 27 cm^3
17. 2.95
18. a
19. 1000
20. 15

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

THURSDAY


- 8.25
- 1:100
- 1300
- 100
- 5 tonnes
- 13, 1.3
- 2.95
- 6
- 3.7
- cone
- C
- 22
- \$17.75
- 270°
- 0000
- 25
- \$200
- 4.12
- (a), (c)
- 24 m³


FRIDAY – page 83

- 940
 - 10.00 pm
 - $\frac{7}{5} = 1\frac{2}{5}$
 - 4.98
 - 8
 - 490
 - 32
 - 7.1
 - 1000
 - 1:100
 - 12.5
 - 20
 - 24 m³
 - \$72
 - 270°
 - 4.5 tonnes
 - 5
- 
- 20
 - 1001011
 - 2.95
 - 47
 - 1 000 000
 - 180°
 - 15
 - 20 km

WEEK 4 – pages 8–9

MONDAY





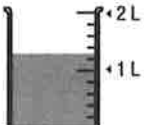
- approx. 1.08
 - $\frac{4}{5}$
 - Teacher check
 - 1500
 - $(6 \times 4) + (3 \div 3) = 25$
 - 2.93
 - 9.8
 - 14
- 
- 106

- 3500 kg
- 7.9
- 
- (b) and (d)
- yes
- 1.0
- 1010
- 6
- 10 000 m²
- 174
- 200 g

TUESDAY


- approx. 10.28
- 
- $3\frac{3}{4} = 4\frac{2}{4} = 4\frac{1}{2}$
- 40 000
- \$14.85
- 1 100 000
- C
- icosahedron
- true
- 25 mm
- 1 000 000
- 93
- b
- 180 m³
- 6:12 or 1:2
- \$150
- 5.25
- 10³
- 9
- $(3 \times 8) - (5 \times 2) = 14$

WEDNESDAY

- | | |
|---|---|
| C | A |
| | |
| B | |
- $a = 40^\circ, b = 40^\circ$
- 10³
- 1000
- 1:100
- 9.00
- 63
- | | | | |
|---|---|---|---|
|  |  |  |  |
| 2 | 5 | 9 | 14 |
- yes
- 75
- $3\frac{3}{5}$
- 10
- 26 000
- 132, 1320
- 
- 1.06
- 1
- 500 cm³

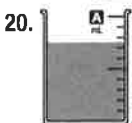
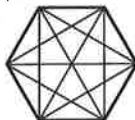
- 80
- 20 km

THURSDAY

- 
- dodecahedron
- 5 pm
- 100
- 12
- 40
- 21
- \$12.50
- B
- 550 mL
- 4
- $5\frac{3}{5}$
- 0.5
- Teacher check
- 1 400 000
- $\frac{2}{4} = \frac{1}{2}$
- 365
- c
- \$75
- 3.00

FRIDAY – page 83

- (a)
- 51
- \$350
- icosahedron
- $14 \div 2 = 7$
- 1 000 000
- true
- 45
- 12
- 10.00
- $(7 \times 5) - (10 \div 2) = 30$
- no
- 176
- 8
- $\frac{2}{4} = \frac{1}{2}$
- 100 000
- $5\frac{3}{5}$
- 8 pm
- 9




- 300 g
- $\frac{7}{8}$
- 9:18 or 1:2
- 30 mm
- $x = 70, y = 120^\circ$

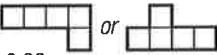
WEEK 5 – pages 10–11

MONDAY


- 8.17
- 1000

- 6500 kg
- 25
- 24
- 9.92
- $(6 \times 3) + (8 \div 2) = 22$
- true
- 
- $\frac{1}{4}$
- 20 000
- 10 out of 20 or 1 in 2 or 0.5 or 50% or $\frac{1}{2}$
- 8 cm
- \$13.65
- 9
- 0.125
- 270°, reflex
- $36 \div 4$
- 50
- 30 000 cm³

TUESDAY

- 99 990
- 
- 9.39
- \$15
- \$7.50
- 0.96, 9.96
- $\frac{1}{8}$
- 9
- 15 km
- 92
- $6\frac{3}{10}$
- 366
- trapezium
- 15:3 or 5:1
- $10, \frac{2}{5}$
- 75
- 188
- 20
- 7.95
- 36

WEDNESDAY



- 110 000
- 5×48
- $\frac{5}{6}$
- 400 000
- 30
- | | |
|---|---|
| X | X |
| | 0 |
| X | |
- 1650
- 
- 100
- 125
- 12
- 2
- $4\frac{5}{10}$
- 136
- 8.295
- 9.34 am
- $(9 \times 3) - (18 \div 2) = 18$
- 270

- 21
- 775 mL

THURSDAY

- 0.23
- 9
- 180°
- 200
- 10
- 7.71
- 36
- yes
- (a) \$10, (b) \$110
- 12 cm
- 30
- 6
- $5\frac{5}{10}$
- 5
- 0.394
- 1.91
- 9
- \$2.50
- 7.169
- 5 cm

FRIDAY – page 84

- 0.125
 - 225
 - 1 001 001
 - 7.355
 - 7
 - 
 - 24 000 cm³
 - 21
 - 20
 - 15 cm
 - $\frac{1}{4}$
 - 0.78
 - 0.01
 - 18
 - $(8 \times 3) - (45 \div 9) = 19$
 - 128
 - 2
 - $4\frac{6}{10}$
 - | | | |
|---|---|---|
| X | | |
| | | X |
| | X | |
 - 11 000 kg
 - 2
 - 8.95
 - 6.28
 - 500 000
 - 5 diagonal lines
- 

WEEK 6 – pages 12–13

MONDAY

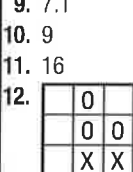
- approx. 4.03
- 40
- 3 m
- 2887
- true
- 1.4 million
- 48 m²

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

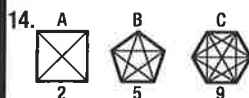
- 90°
- $\frac{1}{10}$
- \$2.50
- 60°
- 6
- 1012
- \$15.20
- Oberon, Wee Waa
- 3200
- hemisphere
- 0130
- 9, -3, 0, 7, 8
- 24, 96

TUESDAY

- $\frac{3}{10} + \frac{9}{100}$
- Teacher check
- 27.5 km
- 4 pm
- 801
- 1.4
- 7, 5, 7
- 10:20 or 1:2
- 7.1
- 9
- 16



- 90



- 6.28 am
- no
- 60
- 4000
- ÷
- 8 out of 15 or $\frac{8}{15}$

WEDNESDAY

- approx. 6.47
- 56 m²
- 1 000 003
- 150
- 20:10 or 2:1
- 29
- $\frac{7}{8}$
-
- 27
- 8

- 0.06, 0.006
- hexagonal prism
- 15
- 1.04 million
- $7\frac{2}{3}$
- 1.5 tonnes
- 6
- 22.5 km
- 6
-

- 0.02
- 3050
- 475
- $(6 \times 3) \div (9 \times 2) = 1$

THURSDAY

- 12.50
- 8
- $99\frac{9}{10}$
- none
- 0.3
- 5
- C, A
- 51
- $5\frac{5}{6}$
- Teacher check
- 31 000
- 1 120 000
- false
- 23
- 12



- 1.99, 1.999
- 120°, 60°
- 34
- 80
- 4 pm

FRIDAY – page 84

- approx. 10.04
- 180
- 12:24 or 1:2
- 8
- 9



- 11
- ÷
- 8.99
- 2
- 42
- 61
- 0040
- false
- 4.5 t
- 1.6

- 6 pm (following day)
- 32.8
- 3.85
- 3 m
- 40
- 16
- $9\frac{10}{8} = 10\frac{2}{8}$ or $10\frac{1}{4}$
- 27.5 km
- 375
- 5 out of 20 or 1 in 4 or $\frac{1}{4}$ or 0.25 or 25%

WEEK 7 – pages 14–15

MONDAY

- 3
- $\frac{1}{4}$
-
- 0.02
- 3050
- 475
- $(6 \times 3) \div (9 \times 2) = 1$

- 27
- 240
- 0.001
- 16, 49
- \$1.25
- 6
- C (3 L then 500 mL)
- (b)
- \$1.50
- dodecagon
- 160
- $6\frac{5}{10}$
- 9 pm

TUESDAY

- 9.10
- 15
- 4
- 0.003
- 17.7
- 10
- 7500
- 2 pm
-
- false
- 0.12
- \$14, \$154
- octagonal pyramid
- 22
- 80, 90, 140
- 9 m
- 56
- 1301
- 24
- true

WEDNESDAY

- 7.40
- 110 km
- 100 km
- 388
-
- 1.283
- (a)
-
- 24
- 30 000
- 10 000
- 70 m³
- 1.7, 0.17, 0.017
- 3
- 180
- 20
- $4\frac{7}{5} = 5\frac{2}{5}$
- 4.20 pm (following day)
- 350 m
- 30 km

THURSDAY

- 711

- 15
- C
- 0.05, 0.005
- 12
- 2.00, 2.10
- (b)
- 16
- 19
- 34
- 16
- true
- 5.1
- 27:9 or 3:1
- 70 m²
- (b)
- 48
- 51
- false, false, false
- \$8.85

FRIDAY – page 85

- 1.40
- $\frac{1}{4}$
- 2.06
- 3.0
- \$9
- 34
- 5.1
- 1 000 110
- 42 m³
- A
- 23.6
- 9
- false
- 15 000
-

- 2352
- no
- 120
- 2100
- $(7 \times 8) \div (4 \times 2) = 7$
- 10.48 pm
- 24
- 7.5 cm
- 0.07
- 16

WEEK 8 – pages 16–17

MONDAY

- approx. 10.47
- 0.08, 0.008
- 37
- 5500
- $2\frac{2}{3}$
- 500
- 4300
-
- 3, 5
- 13

- 566
- 2610
- 3.176
- 121
- 243
- 310
- (b)
- 200 cm²
- (b)
- $\frac{2}{6}$ or $\frac{1}{3}$

TUESDAY

- 40
- $\angle x = 150^\circ, \angle y = 30^\circ, \angle xy = 180^\circ$
- 8100
- 90 m
- 17
- $4\frac{2}{5}$
- b
-
- 3
- rhombus
- 2 250 000
- 5.5, 0.55
- 160
- 22
- 1000 kg
- 42, 4.2
- 41 000
- 5, 7
- 12
-

WEDNESDAY

- 180°, 360°
- 160
- 38 000
- 9.02
- dodecahedron
- 0.458
- $5\frac{14}{10} = 6\frac{4}{10}$ or $6\frac{2}{5}$
- C
- 9
- 35 mm
- 20
- $5\frac{2}{3}$
-

- ÷
- 1 000 005
- 180 m
- 5
- 8 pm
- 12
- 1 in 6 or $\frac{1}{6}$

THURSDAY

- 5, 540°
- 1.20 am (following day)

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

- icosahedron
- 1 000 000
- 5, 11
- 2.3, 2.05



- 15 9. 90
- $\frac{1}{2}$ 11. 24
- 180°
- 1 000 007
- 10
- 36
- 2.84
- 24, 25
- 100
- 4.2
- 10 out of 30 or 1 out of 3 or $\frac{1}{3}$

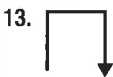
FRIDAY – page 85

- 11, 13 or 19, 5
- 9.08
- 150 m
- $\frac{3}{6}$ or $\frac{1}{2}$
- 900
- 1000 cm²
- 8
- 4.01
- 3.00
- 6
- ÷
- 70
- b
- 25 mm
- 6.20
- 12.033
- 1 000 010
- $4\frac{3}{5}$
- 30
- 575
- 8
- 4 out of 52 or 1 out of 13 or $\frac{1}{13}$
- a
- $8\frac{16}{10}$, $9\frac{6}{10}$ or $9\frac{3}{5}$
- 24

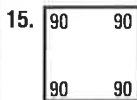
WEEK 9 – pages 18–19

MONDAY

- 12
- 4.09, 0.409
- 4
- 18th
- 2.935
- 100
- 7000
- 88
- C
- 190
- 2 200 000
- 17, (c)



14. 750

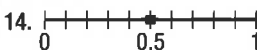


- (b)
- A = 50 mm
- 2310
- 9700
- 7850

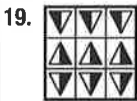
TUESDAY

- 112
- 15:5 or 3:1
- (b)
- 49
- $8\frac{20}{10} = 8 + 2 = 10$
- 7
- $\frac{1}{10}$
- 14 m
- 8.1

- (c)
- 10
- 0.003
- 24 m³



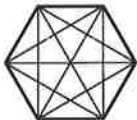
- 6.9
- 20
- 20
- 9 909 000



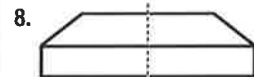
20. 72 km

WEDNESDAY

- 0
- 0.5 or $\frac{1}{2}$ or 50%
- 100
- $\frac{2}{5}$



- 9.01, 0.901
- 727



9. a

- 60
- 50
- 5
- 15 min.
- 999 985
- 3

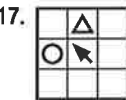


- 50c
- 20
- 10 000

THURSDAY

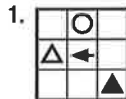
- approx. 9.56
- 6.10
- 360°

- (a) 1521
- 0.75
- 9
- 11.40 pm
- 50
- 5.6
- triangular pyramid
- 373
- 3 010 000
- $8\frac{10}{7} = 9\frac{3}{7}$
- 12:4 or 3:1
- \$7.65
- 85c



- 28
- 5.5
- 8

FRIDAY – page 86



- $\frac{1}{10}$
- 0.001
- 1140
- 60 km
- 260 mm
- 5640
- 3.95
- 16th
- $\frac{5}{8}$
- 1.35 am
- 100
- 43 000
- $11\frac{11}{7} = 12\frac{4}{7}$
- 11.53 am



- 6.1
- 9
- square pyramid
- 12
- 2 040 000
- (b)
- 120 m³
- 20:5 or 4:1
- 0

WEEK 10 – pages 20–21

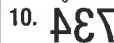
MONDAY

- 4
- 19 500
- 4
- 200 km/h
- 6
- 8
- 100
- $a = 30^\circ$, $b = 150^\circ$
- 120
- 45
- 70

- 9.07
- odd, even, odd
- (c)
- 4.2
- 40
- 1000, 1500
- 0.4 sec.
- 9
- $\frac{3}{6}$ or $\frac{1}{2}$

TUESDAY

- 11.28
- 3
- 250
- $14 = 5600$
- 55
- 1, 2, 3, 4, 6, 12
- 20
- 21:7, 3:1
- 4 out of 20 or 1 in 5 or $\frac{1}{5}$ or 0.2 or 20% or $\frac{1}{5}$



- odd
- 5.4
-
- 52 mm
- 800 kg
- 36
- 23.9
- 72
- 1.6, 0.16, 0.016
- 0.3

WEDNESDAY

- 7.24
- 0.001
- 8
- even or 0.5 or 50% or $\frac{1}{2}$
- A, E
- 16 500
- 4.08, 0.408
- A
- odd
- 150 km/h
- 1950
- 20
- 2.45
- 68 000
- 220
- 40 17. 12.1
- 66 19. x
- 1000

THURSDAY

- 90°
- 160
- 96
- 5 cm
- 12.3
- $\frac{3}{4}$
- 1 070 000
- 2
- 5.1
- hemisphere

- 2
- 10 am
- 1, 2, 3, 4, 6, 8, 12, 24
- 360
- 19th
- 2.25 Thursday
- true
- (a)
- 1100
1. Alexander
2. Antonio
3. Anthony

FRIDAY – page 86

- (d)
- B
- 200
-

- 8 km
- 2.5
- 2.8
- 7.215
- 1.5
- 1.1
- 60
- 29 000
- 4.4
- 200
- 36 cm
- x
- 20
- 8.001
- 40 m³
- 115°
- hemisphere
- 1000
- odd
- 1 000 010
- (b)

WEEK 11 – pages 22–23



MONDAY

-
- 24
-
- one hundred and one thousand, one hundred and one
- 0.07
- b
- 112
- 4
- 440
- 8 pm
- $\frac{4}{8} = \frac{1}{2}$
- 3700
- 45 mm
- yes
- 36

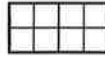
NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

16. \$5
17. no
18. 20 January
19. 24
20. \$2, 50c, 20c, 10c
(a) Royal Australian Mint


TUESDAY

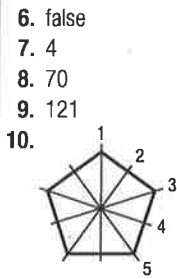
1. 
2. cold
3. 390
4. 7, 70
5. 405
6. 104
7. 112
8. 
9. 10, 11
10. 36 km
11. yes
12. 76 510
13. b
14. \$45.50
15. $\frac{1}{5}, \frac{1}{2}, \frac{2}{3}, \frac{4}{5}$
16. 9 February
17. $\frac{5}{10} = \frac{1}{2}$
18. $\frac{4}{3} = 1\frac{1}{3}$
19. 20 000
20. $\frac{3}{4}$

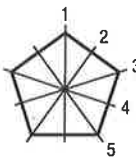
WEDNESDAY

1. 11, 29 or 3, 37 or 17, 23
2. 28, 7
3. 54
4. 1.01
5. 
6. 8.91
7. 30
8. $\frac{9}{12} = 0.75$ or $\frac{3}{4} = 0.75$
9. yes
10. 2 am
11. $\frac{4+1}{6} = \frac{5}{6}$
12. 0 °C
13. 0.3, 30%
14. 2925.4
15. 2.4
16. 47 mm
17. 48 km
18. 50 000
19. 1 600 000, 1 060 000
20. unlikely

THURSDAY

1. 18
2. $\frac{10}{12} = \frac{5}{6}$
3. 4

4. b
5. 200



6. false
7. 4
8. 70
9. 121
10. 
11. 180°
12. 42
13. A
14. 100 °C
15. 12
16. 0.29
17. 1000
18. 50
19. 0.008, 0.08, 0.8
20. 3DAT 9900

FRIDAY – page 87

1. 13, 17 or 7, 23 or 11, 19
2. 90
3. 6.3
4. $\frac{6}{5} = 1\frac{1}{5}$
5. 1.5
6. 11 pm
7. 35
8. \$3
9. 97 541
10. no
11. 19 February
12. 34 mm
13. 42 km
14. A
15. 10
16. 170, 17
17. 6 ha
18. true
19. 
20. 3
21. 0.32
22. yes
23. 1979
24. even
25. B, A, C, D



WEEK 12 – pages 24–25

MONDAY

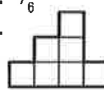
1. 35
2. 1 000 001
3. 4
4. 11.30 am
5. 6
6. 32
7. $\frac{3}{8}$
8. 26
9. square pyramid
10. 70%
11. 70, 140
12. 1900
13. no

14. 2.012
15. 100
16. $3\frac{2}{5}$
17. 1000, 1500
18. 115
19. 100
20. 200 000 m²


TUESDAY

1. XXZ000
2. $b = 60^\circ, c = 55^\circ, a = 65^\circ$
3. 105
4. 19 February
5. 9, 90
6. one million, one hundred and ten thousand, one hundred and one
7. 80
8. A
9. $\frac{7}{10}, 70\%$
10. yes
11. 
12. 3100
13. 100 km
14. 500 m
15. 
16. \$16
17. 42
18. 6
19. \$43.50
20. 2.75

WEDNESDAY

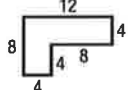
1. 44 min.
2. 10.30 pm
3. 17
4. $\frac{5}{6}$
5. 
6. $\frac{9}{10}$
7. 54
8. triangular prism
9. 9 (add $[8 + 10] \div 2$)
10. 90°
11. circle
12. 384
13. $\frac{5}{20} = \frac{1}{4}$
14. 2.97, 0.297
15. 82
16. 360°, 540°, 720°
17. 2
18. 1 March
19. $8\frac{5}{5} = 9$
20. 72

THURSDAY

1. 40 minutes
2. 
3. 4

4. 9
5. 11.30 pm
6. $(20 \times 10) + (7 \times 10) + (20 \times 2) + (7 \times 2)$
7. 1 000 006
8. $\frac{4}{18} = \frac{1}{4}$
9. 11, 11
10. 120°
11. 1 ABB 000
12. $\frac{1}{4}$
13. 140
14. $\frac{3}{6}$
15. 25 km
16. 12
17. 50°
18. 5.5
19. 6.1
20. 1:100

FRIDAY – page 87

1. 42 min.
2. 10
3. 100
4. yes
5. 2.30 am
6. 20
7. 7
8. $\frac{3}{10}$
9. \$41.50
10. \$14
11. 80
12. 4.96
13. 0 °C
14. B
15. 0.24
16. $\frac{3-2}{4} = \frac{1}{4}$
17. 54
18. 1 000 006
19. decagon
20. $\frac{3}{15} = \frac{1}{5}$
21. $(30 \times 10) + (4 \times 10)$
 $(30 \times 8) + (4 \times 8)$
22. 5100
23. 
24. 70°
25. 110 km

WEEK 13 – pages 26–27

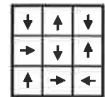
MONDAY


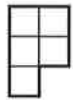
1. 12.12
2. 7
3. 10
4. 13 000
5. 6.07
6. 3 r 1 or 3.2
7. $\frac{1}{100}$
8. 0.10
9. B
10. $\pi \times r^2$
11. 100
12. 40

13. $(40 + 6) \times (30 + 5)$
 $(40 \times 30) + (6 \times 30)$
 $(40 \times 5) + (6 \times 5)$
14. 15 km
15. (a) 2, 3
16. 1650
17. SE
18. 10.30 pm
19. false
20. \$100, \$50, \$20, \$10,
(c) Reserve Bank of Australia


TUESDAY

1. 3.37
2. summer
3. $\frac{1}{3}$
4. 1, 0.25
5. 111 011
6. 5
7. $\frac{2}{100}$
8. 12
9. 0.33




11. 3.993
12. 1999
13. 54 mm
14. NW
15. 
16. 15
17. $\frac{1}{4}$
18. 100 000
19. 270 mm
20. 

WEDNESDAY

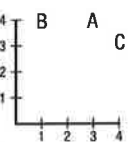

1. 1000
2. (b)
3. \$160
4. 177
5. $(30 + 6) \times (30 + 9) =$
 $(30 \times 30) + (6 \times 30) +$
 $(30 \times 9) + (6 \times 9)$
6. 145
7. 3r.3
8. Yes
9. $\frac{5}{100}$
10. summer
11. 2.783
12. 360°
13. 12.30 am
14. $\frac{4}{10}$
15. 100
16. $\frac{3}{10}$
17. 1 000 005
18. 
19. $2\frac{5}{6}$
20. Teacher check

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

THURSDAY


1. 4.08
2. 31 March
3. 3
4. 15 cm
5. 2
6. $\frac{4}{5}$
7. 9%
8. 16
9. 62
10. 22
11. 1000
12. 1000 L
13. 9.999
14. 
15. 75 000 m²
16. true
17. false
18. \$31.50
19. 2, 3
20. D = 30%
E = 40%
(b) 0.4

FRIDAY – page 88

1. 1000
2. $\frac{13}{5}$
3. $\frac{9}{12} = \frac{3}{4}$
4. $\frac{7}{10}$
5. 100
6. 32 mm
7. 20
8. false
9. 9.998
10. 505 055
11. 5.296
12. 12.30 am
13. 60
14. 20
15. A, D
16. 1994
17. $\frac{1}{4}$
18. 
19. true
20. 4.07
21. 8 m²
22. 35 000 m²
23. NE
24. 1000 L
25. 

WEEK 14 – pages 28–29

MONDAY

1. 3.55
2. $\frac{1}{2}$
3. 
4. (b)

5. 1
6. 2.4
7. 93
8. Any pentomino except ...
9. 1:3
10. 160
11. 14
12. $18\frac{4}{3} = 19\frac{1}{3}$
13.


A	B	C
400	420	410

14. 0.25, 25%
15. $\frac{2}{4}$ or $\frac{1}{2}$
16. 0.1
17. south-east
18. 36 cm²
19. 11.30 pm
20. 2, 2, 2


TUESDAY

1. 12.50
2. 35 mm
3. false
4. 30
5. 30
6. 20
7. 155
8. 600 km
9. 9.991
10. 0.2 + 0.05
11. CCA 000
12. 48
13. 11
14. SW
15. 210 km
16. 280
17. 130
18. $\frac{1}{3}, \frac{2}{5}, \frac{1}{2}, \frac{3}{4}$
19. $\frac{1}{2}$
20. 100 000 m²



WEDNESDAY

1. C
2. 1.998
3. 12
4. 1 020 000
5. 
6. 4
7. 21 March (365 days) or 20 March (366 days)
8. $y = 80^\circ$
9. 85
10. E
11. 2.5 ha
12. C
13. 216
14. $\frac{1}{2}$ or 0.5
15. 1 16. 68 mm
17. $\frac{5}{6}$ 18. 0.1
19. 16 20. 2.5 L

THURSDAY

1. 24
2. 58
3. 12 am
4. true
5. 3, 7
6. 42
7. 6
8. 5, 23 or 11, 17
9. 9 April (365 days) or 8 April (366 days)
10. $a = 15^\circ, b = 165^\circ$
11. 10
12. 18
13. 4
14. 
15. 40
16. \$12.50
17. six million, two hundred and eighty thousand
18. 9
19. 64
20. 16

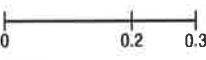
FRIDAY – page 88


1. 120
2. 12:25
3. 1.997
4. $\Sigma \text{ E } \Delta$
5. 
6. 4
7. 2.25 L
8. 64 000
9. \$4.50
10. 42
11. 32
12. 3.5
13. 11 March (365 days) or 10 March (366 days)
14. 75°
15. 40 mm by 55 mm
16. 32
17. $9\frac{6}{4} = 10\frac{2}{4} = 10\frac{1}{2}$
18. $\frac{2}{4}$ or $\frac{1}{2}$
19. 67
20. 
21. $\frac{1}{4}$
22. \$17.60
23. 11.30 pm
24. C
25.

A	B	C
380 mL	405 mL	0.41 L

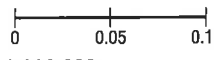
WEEK 15 – pages 30–31

MONDAY



1. 7:25.05
2. true
3. 
4. 3:30 am

5. (a) 1.9 million
(b) 1.09 million
6. $\frac{73}{7}$
7. 0.002
8. A
9. 12 out of 52 or 3 in 13 or $\frac{12}{52}$ or $\frac{3}{13}$
10. (b)
11. 20
12. 135°
13. $5\frac{12}{10} = 6\frac{2}{10} = 6\frac{1}{5}$
14. 0.734
15. 4.2
16. 
17. $a = \pi \times r^2$
18. 160
19. 30 Dec
20. (b)

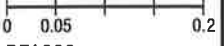
TUESDAY

1. B
2. one million, two hundred thousand
3. $\frac{2}{3}$
4. 2.999
5. true
6. \$10
7. 10
8. 1XZZ 000
9. 
10. 1 000 000
11. 5000 L
12. 7
13. 63
14. 11 m
15. 7.8
16. (d)
17. 8.07 18. 48
19. true 20. a




WEDNESDAY

1. 8:05.45
2. 2.35
3. 19.992
4. 999 990
5. A
6. 20
7. 2.45
8. 11.30 am
9. 68
10. NW
11. 24 x 4, 96
12. 1.5 m
13. 100
14. 75
15. 
16. \$12.50
17. 
18. 29%
19. 40
20. C

THURSDAY


1. A
2. 29 December
3. 35°
4. 16, 36
5. \$80 000
6. 2, 2, 3
7. 4
8. 210 000
9. 75 cm²
10. 
11. DFA000
12. 22
13. 120
14. no
15. 75 km
16. 0.885
17. \$25
18. $y = \frac{1}{2}$
19. US \$160
20. A, E

FRIDAY – page 89

1. 
2. 5
3. 120
4. 1.991
5. US \$250
6. 116
7. $5\frac{19}{10} = 6\frac{3}{10}$
8. \$10
9. B
10. 11.30 pm
11. 86
12. b
13. 100
14. 8000 L
15. 35°
16. 40
17. 
18. 0.15
19. 
20. false
21. no
22. 3XFA 000
23. 2.9
24. 25 km
25. 90 000

WEEK 16 – pages 32–33

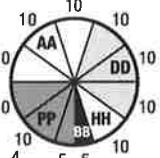
MONDAY

1. 1.05.50
2. false
3. dodecahedron
4. 8.4, 0.84
5. 8.4
6. 20
7. 5, 7
8. 



NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

- \$1.25
- 61
- $\frac{1}{5}$
- 35 170
- 144
- 6000
- 100
1. Sonya
2. Alicia
3. Kate
4. Linny
- no
- 1 mL
- 1000:200 or 10:2 or 5:1
- 10 pm

TUESDAY

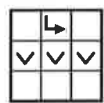

- $10 + 2 \times 3$
- 3.1
- 28
- 410 000
- $(20 \times 30) + (7 \times 30)$
 $(20 \times 8) + (7 \times 8)$
- 0.255
- 6
- south
- a
- 65°
- 25
- \$1.75
- 
- 4
- 19 990
- 16 December
- (a)
- 1101
- 32
- 6800

WEDNESDAY

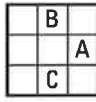
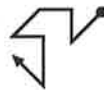

- $10 + 2 \times 7$
- $\frac{7}{9}$
- 58
- \$1.25
- 
- 9.996
- 10 000 L
- $1\frac{1}{2}$
- 0.2 or 1 in 5 or 20% or $\frac{2}{10}$
- 6000 g
- $\frac{9}{10}$
- 27
- 4.1 ha
- Orange, Kedron
- 0.309
- 
- 100 000

- 32 m^2
- true
- \$66

THURSDAY



- 2.08.35
- 3rd
- 6
- \$15
- 110
- 6r4
- 122%
- 21
- 82.5
- 
- 999 993
- $9\frac{6}{4} = 10\frac{2}{4} = 10\frac{1}{2}$
- 5
- 
- 29
- 2115
- \$38.75
- 22 000 m^2
- 1300
- 30 km

FRIDAY - page 80

- 10 pm
- \$36.95
- $9\frac{6}{4} = 10\frac{1}{2}$
- $9\frac{9}{4} = \$2.25$
- 
- 6
- 39170
- 36
- 
- 7.2 ha
- 9.993
- \$63
- $\frac{1}{2}$ decagon
- 2
- $\frac{3+2}{4}$
- 18.5
- 12×2 or 8×3 or 6×4
- 
- 201
- 40°
- 0.207
- 4 out of 52 or 1 in 13 or $\frac{1}{13}$ or $\frac{4}{52}$
- 0.15
- 2000: 200 or 20:2 or 10:1

WEEK 17 – pages 34–35


MONDAY

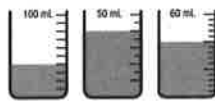
- 
- 12
- A, D
- 160 000
- $(b) \frac{1}{2}$
- 2.87
- 8.7
- 
- 18
- 24
- B
- 135%
- C
- 3 in 12 or 1 in 4 or $\frac{3}{12}$ or $\frac{1}{4}$ or 0.25 or 25%
- 1 000 011
- 0.05
- 95
- 10
- 60 km/h
- 0.003, 0.011

TUESDAY



- Wednesday
- $\overline{AB} = 37 \text{ mm}$
 $\overline{BC} = 25 \text{ mm}$
- $\frac{22}{7}$
- \div
- 28 500
- 23 000 m^2
- 0.14
- 8 cm
- $6 \times 2 \times 5$
- 202%
- 18
- 320 m
- true
- 90°
- d
- 20
- 0.125
- 72
- 30
- 2 130 000

WEDNESDAY




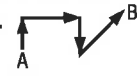
- 2325
- 14
- \$3.75
- 49 cm^2
- 108
- 28
- (a)
- 
- $\frac{2}{3}$
- $\frac{1}{2}$
- $7\frac{1}{4}$
- $130^\circ, 130^\circ$
- 1000 or 10^3
- 5 m
- 46

- 35
- 1.00
- 111 010
- 72
- 

THURSDAY

- 
- 
- 1 pm
- 7.4
- $9 + \frac{5}{4} = 10\frac{1}{4}$
- \$8
- 10 000
- 33
- 81
- octagon – C
hexagon – D
pentagon – B
- XZA 000
- 1 000 010
- 56
- \$2100
- 48 km/h
- 205 000
- 3 000 000
- 12
- 25, 0.25
- 5

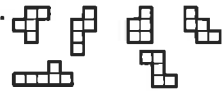

FRIDAY – page 90

- 
- $\frac{4}{1}$
- 304%
- 0.15
- \$50
- a
- 6.30 pm
- 36
- 5 000 000
- 20 mm
- 105
- A
- 25
- 9 m
- 
- 0.605
- 
- 3 160 000
- 
- 15
- \$4.25
- 140

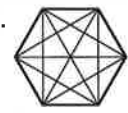
- 45 km/h
- Friday
- 63

WEEK 18 – pages 36–37

MONDAY

- 34
- 300 000
- no
- 2, 96
- true
- $\frac{1}{20}, \frac{1}{200}, \frac{1}{20}$
- 6.2
- \$12
- 52
- 49
- $9\frac{1}{4}$
- 31
- 
- false
- 116
- 0.4
- 
- 19, 1.9
- $\frac{6}{5}$ or $1\frac{1}{5}$
- A = 5 mL

TUESDAY

- 24
- 60 mm
- 12
- 11.5
- 84
- 10 110 000
- 24.997
- 72 km/h
- 24 out of 52
- 
- \$25
- 155
- 100 000, 600 000
- decagon
- 19 February
- 202
- $\frac{2}{10}$ or $\frac{1}{5}$
- $(8 \times 7) \div 2$ or $(14 \times 4) \div 2$
- 81
- 4500

WEDNESDAY

- 15
- 220 000
- $\frac{3}{4}$
- 900 000
- 20
- 4200
- true
- 160°

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

- 16
- 105
- 8 060 000
- 3.5
- 12
- | | | |
|----|--|----|
| 25 | | |
| | | 75 |
| 50 | | |
- 100%
- 7, 23, or 11, 19 or 13, 17
- 500
- 10.5 t
- $\frac{1}{10}$
- 89 ha

THURSDAY

- 110 min or 1 hr 50 min.
- 200:500 or 20:5 or 4:1
-
- 60
- 1 000 004
- 100
- true
- $5\frac{1}{4}$
- 28 out of 52
- 310°
- 0.007, 0.07
- 100
- 230
- 9
- 100 000
- 8, 24
- $3\frac{3}{4} = \$0.75$ or 75c
- 19
- 10 000 mm
- 54 (multiples of 6, starting from 6)

FRIDAY – page 90

- $\frac{4}{13}$ or 16 out of 52
- 0.6
- true
- 11.5 t
- 210 m^3
- 390 000
- $\frac{1}{4}$
- 84
- 1.7
- 7.3 ha
- 256
- $8\frac{1}{2} = 9\frac{2}{10}$ or $9\frac{1}{5}$
- 175
- \$0.75
- 268
- 3, 17 or 7, 13
- 20
- 0.8, 0.008, 0.08
- 260°
- 3.10 pm
- 190
- 63

- 90 mm
- 18
- 6 (magic square adding to 45)

WEEK 19 – pages 38–39

MONDAY

- 6.10
- 84
- $3\frac{1}{2}$ hrs
- 30
- 950 000
- 210 000
- $8\frac{2}{3} = 9$
- 70°
- 41
- 1000
- 233
- B and D
- 52
- 0.3
- 20
- false
-
- TT, HH, TH, HT
- 15.4, 155.4
- 5 pm

TUESDAY

- 5.38 pm
- 15 m
- 92
- 80
- 30
- 318
- Wednesday
- 10.30 am
- $a = 45^\circ$
- 0.5
- 37 000
- 64, 640 000
-
- 50c
-
- 5
- 84
- 12
- 1, 2, 3, 4, 6, 8, 12, 16, 24, 48
-

WEDNESDAY

- 11, 11 or 3, 19 or 5, 17
- 69 000
- 20
- 20 m
- 1 909 000
- 100

- 2
- $x = 89^\circ$
- $y = 125^\circ$
- yes
- even
-
- \$1
- 1860
- 1
-
- 800 000
- 3.74
- | | | |
|---|---|---|
| Δ | X | A |
| Y | | |
| | | |
- 100 000 m^2

THURSDAY

- $\frac{2}{3}$
- 9
- parallelogram
- 4
- (b)
- $0.75 = 75\%$
- 96
- \$18.35
- true
- 9 m
- 190 000
- 108
- 121
-
- 45 mm
- 0.5
- $9\frac{6}{5} = 10\frac{1}{5}$
- 5500
- | | | | |
|---------------|-----|----------------|----------------|
| $\frac{3}{4}$ | 0.8 | $\frac{19}{5}$ | $1\frac{2}{3}$ |
|---------------|-----|----------------|----------------|
- $\frac{2}{4}$ or $\frac{1}{2}$

FRIDAY – page 91

- 3
- 999 985
- 50c
- 0.42 or $\frac{42}{100}$
- 400
- $6\frac{1}{2}$ hours
- 1 001 010
- 295
- 10:50 pm
- $a = 121^\circ$
- 600
- Saturday
- 108
- 355
- 105°
- 10
-
- yes
- 7.08

- 0.75
-
- 99.995
- 6.1 m
- 8
- 10 m

WEEK 20 – pages 40–41

MONDAY

- 12.45 pm
- b
- isosceles
- Saturday
- 710
- 10 cm^3
- 2
- 1.4
-
- $3\frac{1}{7}$
- (b)
- $0.1 + 0.07$
- 15 cm
- (a) 50 000
(b) 100 000
(c) 200 000
- $9\frac{3}{4} = 10$
- 2.30 pm
- 3000 m or 3 km
- odd
- 5
- 0.005

TUESDAY

- 3.20 pm
- $10\overline{)700}$
- 3 min. 20 sec.
- 355 000
- 24, 4
- 538
- 24
- 7000 m or 7 km
- 54
-
- 35
- 90
-
- 10:1
- 8
- 15
- 837
- 8 195 000
- (a) 0.60
(b) 5.00
(c) 90
(d) 19.8
(e) \$21.20
- 38

WEDNESDAY

- 9 February
- 32
- 80
- $3\frac{1}{9}$
- 80
- 3, 29 or 13, 19
- 22
- 15°
- 0.6
- true
- 47
- 10 000 L
- (b)
- \$3.80
- 30, 5
- 51
- regular nonagon
-
- 12 m
- C, A, B

THURSDAY

- 35 cm
-
- A
- 20
- true
- 40 kg
- $\frac{4}{8}$ or $\frac{1}{2}$ or 0.5
- 85
- 39.92
- scalene
- no
- 132
- 200
- 10 m
- 1 400 000
- 91
- \$20.65
- d
- 26 000
- 12 pm

FRIDAY – page 91

- 45
- (a)
- 48
- scalene triangle
- 6 237 000
- B
- $10\frac{1}{4}$
- b
- 129
- 100 000 L
- false
- 20, 5
- 9
- A
- 499.991
- 10.00
- yes

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS


18. 500
 19.
 20. 17.5 m
 21. 2:1
 22. 54 cm
 23. C
 24. 5 mL
 25. 50 out of 250 or 1 out of 5 or 0.2 or 20%

WEEK 21 – pages 42–43

MONDAY


1. 106 997
2. 32
3. 35 mm
4. 280, 420
5. 1900
6. M
7. (c)
8. $\frac{4}{3} = 1\frac{1}{3}$
9. kite
10. $(7 \div 1) - (5 + 2) = 0$
11. 20×100
12. 6.8
13. A
14. 2:3
15. 4
16. 15
17. parallel
18. 100
19. 1000
20. 450 mm

TUESDAY

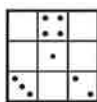
1. even
2. (a)
3. 5
4. $20 + 9$
5. $\frac{31}{7}$
6. $0.8 = \frac{80}{100}$
7. 1620
8. 4 kL
9. 10
10. 30
11. 185
12. 250
13. Z
14. $\frac{16}{52}$ or $\frac{4}{13}$
15. 7
16. \$36
17. For example: 
18. 7335 m
19. 0.1
20. (b)

WEDNESDAY

1. $2\frac{2}{6}$
2. 34
3. 4.995, 0.4995
4. 180°
5. 60 km/h
6. 109 700
7. 450
8. 5 kL
9. 36

10. 7
11. 40 000
12. **37**
13. 100
14. 1007 g
15. 2:7
16. 0
17. 
18. $(70 \div 10) \times (5 \div 1)$
19. 1000
20. Yanchep, Moore River

THURSDAY

1. 360°
2. Rhombus
3. 288
4. 8.45
5. no
6. 24 100
7. $\frac{8}{5} = 1\frac{3}{5}$
8. 2700
9. 420
10. 0.09, 0.5, $\frac{5}{8}$, 1.2
11. true
12. 16
13. 61
14. yes
15. 200
16. 400 000
17. New Wave, 0.54 sec.
18. 10
19. 12
20. 

FRIDAY – page 92

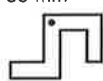
1. 103 992
2. \$12
3. 2200
4. 1700
5. 27
6. 6 kL
7. 2.5
8. 360
9. 3
10. 30 mm
11. 1:4
12. 500 000
13. 3
14. 1000
15. 10
16. 0.09, 0.45, $\frac{4}{6}$, $\frac{4}{5}$, 1.1
17. 0.6, $\frac{60}{100}$
18. $\frac{10}{5} = 2$
19. 160
20. 6.40
21. 2030
22. yes
23. 141
24. 3375
25. 48 km/h

WEEK 22 – pages 44–45

MONDAY

1. 180°
2. 165
3. 0.6
4. 2073
5. 0000
6. 27
7. 1.00
8. 6
9. 70
10. 1:3
11. 0.001
12. $\frac{87}{4} = \$1.75$
13. triangular pyramid
14. €116
15. \equiv or \parallel
16. $8\frac{1}{4}$
17. same
18. 41, 43, 47
19. 2.30 am
20. 60, (a)

TUESDAY

1. 108 994
2. 2.4, $1\frac{1}{5}$, 0.9, $\frac{3}{10}$, $\frac{1}{5}$
3. 10 000 991
4. A
5. 64
6. 1:4
7. $\frac{5}{10}$
8. 55 mm
9. 

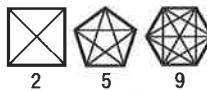
10. \$49.50
11. 160
12. (a)
13. 25 km
14. D
15. 45°
16. 0.82
17. MCM
18. 10
19. 601
20. 245

WEDNESDAY

1. 10 010 010
2. 42
3. 1845
4. Wednesday, 10.30 pm
5. $\frac{2}{100}$, $\frac{1}{10}$, $\frac{1}{2}$, $\frac{3}{4}$
6. 24
7. 701
8. pentagonal prism
9. 40
10. \$24.50
11. 501
12. 90°
13. 3, 5
14. 2 kg
15. 24
16. A
17. 28 December
18. 3000

19. (a)
20. (a) \$5
(b) \$2

THURSDAY

1. 4500 or 4527
2. 21
3. 360°
4. 0.695
5. 9.00
6. 801
7. _____
8. $\frac{22}{20} = 1\frac{2}{20} = 1\frac{1}{10}$
9. 8.993
10. 
heptagon = 14
11. 54, 6
12. 2099
13. 48
14. 80
15. \$220
16. πr^2
17. 3965 L
18. 9 am
19. 10
20. A = hemisphere
B = cylinder
C = triangular pyramid
D = cube

FRIDAY – page 92

1. 4072
2. 19
3. 2.998
4. 45°
5. trapezium
6. 2.30 am
7. 104 998
8. 3000
9. 8.00
10. $\frac{25}{20} = 1\frac{5}{20}$ or $1\frac{1}{4}$
11. 8
12. 1002
13. 1394
14. 14

15. 120 cm
16. B
17. 4:5
18. $\frac{4}{10}$
19. $9\frac{1}{4}$
20. 2, 3, 3
21. \$21.00
22. 26 December
23. (a)
24. 80 km
25. 0.2 or 20% or 1 in 5

WEEK 23 – pages 46–47

MONDAY

1. 101 991
2. Sunday 8.30 am

3. $\frac{1}{4}$
4. 6300 or 6273
5. C
6. 10 111 011
7. 280
8. 1.5
9. 60°
10. 352
11. 3.050 km
12. US \$125
13. sphere
14. 400
15. 17.8
16. 12
17. 13
18. 39
19. B
20. 100%, 10%, 1%

TUESDAY

1. 106 988
2. 50 000
3. 45
4. 40 (120, 60, 80)
5. 6.35
6. 0030
7. Answers will vary.
Teacher check

8.

D	C
F	E
A	B


9. A
10. 4 out of 52 or 1 in 13 or $\frac{4}{52}$ or $\frac{1}{13}$
11. \div
12. 19.96
13. 42
14. 100 km/h
15. 100
16. Monday 1.20 pm
17. (b)
18. 6.207
19. 18
20. 2.2, 2.02, 2.002, 2.0

WEDNESDAY


1. 1.30 am
2. 60
3. 0.2
4. 100 000
5. 50
6. $\frac{54}{5}$ ($\frac{540}{50}$)
7. false
8. hemisphere
9. \$225
10. 60°
11. 60 000
12. $\frac{3}{5}$
13. 8.09
14. 0.6
15. 10 000 100
16. A
17. C
18. $\frac{2}{100}$, $\frac{1}{5}$, $\frac{1}{3}$, $\frac{3}{4}$
19. 420 mm
20. 12 000

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

THURSDAY


1. 0.2, 20%
2. 20 m
3. semicircle
4. 180°
5. 84
6. 11
7. \$100
8. $1\frac{1}{5}$ or $2\frac{2}{5}$
9. $x = 55, y = 55$
10. no
11. $2\frac{2}{5}$
12. 7.093
13. 17
14. 
15. 10 m
16. 4800
17. 0.007
18. 4
19. 6.30 or 6.33
20. 0400

FRIDAY – page 93

1. 8.090
2. 100
3. 9
4. 57
5. $4\frac{3}{5}$
6. false
7. 2 am
8. 100 000
9. (a)
10. 
11. ÷
12. \$62.50
13. 1021
14. 5000
15. 400
16. $\frac{1}{3}, \frac{3}{10}, \frac{1}{5}, \frac{1}{100}$
17. 60°
18. 4.48
19. yes
20. 2
21. A\$100
22. pentagonal prism
23. 8
24. 0205
25. 90 km/h

WEEK 24 – pages 48–49

MONDAY



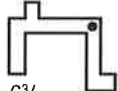
1. 3.00 or 9.00
(NOT 3.15, 9.15, 5.45 or 11.45 as hour hand does not sit on 6 or 12.)
2. 400 m
3. 
4. $2\frac{2}{3}$
5. 0.25, 0.025
6. 1.00
7. $\frac{4}{5}$
8. 40 kg

9. (a)
10. 8.979 kL
11. 0.3
12. $8\frac{7}{5} = 9\frac{2}{5}$
13. \$48
14. 201
15. $5\frac{2}{5}$
16. 60°
17. 10
18. no

		9
36	81	
	54	

20. 4.35 pm Sunday

TUESDAY



1. 15 000
2. 12 m²
3. 80
4. $\frac{6}{7}$
5. 12 750 000
6. 60
7. 13.27
8. 27 km/h
9. square pyramid
10. $\overline{AB} = 16$ mm
 $\overline{AC} = 35$ mm
11. 0.6
12. 7.086 t
13. 
14. 
15. 
16. $6\frac{3}{10}$
17. 20
18. 36
19. 18th
20. 250

WEDNESDAY




1. 41 minutes
2. 63
3. 901
4. 112 088
5. 0.8
6. 5
7. $\frac{1}{4}$
8. cylinder
9. 27
10. 20
11. 27 m³
12. 112 215
13. B
14. 301
15. 9.005 L
16. 9 pm
17. 135°
18. \$10
19. yes
20. (a)

THURSDAY

1. 0.1
2. Thursday 11.10 am
3. 36 L

4. 121
5. 2.57
6. (b)
7. 240
8. $9\frac{4}{3} = 10\frac{1}{3}$
9. 201
10. 45°
11. 130
12. 3:4
13. 4.035
14. 
15. 
16. 200 mL
17. $39\frac{1}{2}$
18. $12\frac{3}{5}$
19. a, b
20. \$20


FRIDAY – page 93

1. 115 989
2. 0.25
3. 405
4. 
5. 80 m
6. $\frac{1}{2}$
7. $6\frac{3}{5}$
8. 20
9. 49
10. 280
11. 3.679 kL
12. 500 mL
13. true
14. 55
15. 31
16. B
17. 175
18. $5\frac{2}{7}$
19. 
20. 5.45 pm
21. 
22. 25 mm
23. 7.017 km
24. \$30
25. 0.01 or 1% or $\frac{1}{100}$

WEEK 25 – pages 50–51

MONDAY


1. 7:40:40
2. $\frac{3}{4}$
3. 70°
4. 63 000
5. 4
6. 1500 L
7. 4.30 am
8. $29\frac{2}{3}$
9. yellow = 4, green = 8
10. 0.75
11. 0.05
12. 6:45 pm
13. 270°
14. 77

15. 8%, $0.9 \times 0.1, 0.11, 1 \div 2, 0.2 \times 5$
16. 76
17. 
18. 10 t
19. 241
20. \$1.65

TUESDAY

1. Tuesday 2.55 pm
2. 1 000 000
3. 700
4. 64
5. 121, 1210
6. 1:2 (2:4)
7. $\frac{1}{8}$
8. 4
9. $\frac{1}{5}$ or 5
10. pentagonal pyramid
11. 6
12. 0.25
13. 600 000
14. 35
15. 750 000
16. 20
17. 10
18. 85.4
19. 2335
20. 16

WEDNESDAY


1. $\frac{1}{2}$
2. 240 000
3. Teacher check: any shape with five sides.
4. 1201
5. 3:5
6. 60.385
7. $\frac{1}{10}$
8. 58
9. 1 000 000
10. 
11. 7
12. 16
13. B
14. 900, 900 000
15. 1.25
16. $y = 330^\circ$
17. A, B
18. 5 out of 15 or 1 in 3 or $\frac{1}{3}$ or 0.33 or 33%
19. 110
20. 19th

THURSDAY

1. 560 mm
2. 100 km/h
3. 4
4. 7.3
5. 30
6. 5
7. 34
8. $8\frac{3}{3} = 9$
9. Friday 12 am
10. yes

11. 990 000
12. 6800
13. 144
14. meet
15. 0.5, 0.1, 3%, 0.049
16. 104
17. 3, 5
18. 10 m
19. 20
20. A = 1150 mL
B = 1.2 L
C = 1.1 L
D = 890 mL

FRIDAY – page 94

1. 5 am
2. 10 km
3. 300
4. $\frac{1}{8}$
5. 40.275
6. 261
7. A and B
8. no
9. no
10. \$1.50
11. 0.004
12. 132
13. 100
14. 3:1
15. yes
16. 2.25
17. 60°
18. 23
19. 
20. 9
21. 99
22. 280 000
23. 17th
24. 5
25.

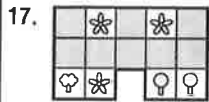
		35
42		
	7	21

WEEK 26 – pages 52–53

MONDAY

1. 23 and 29 or 5 and 47 or 41 and 11
2. 400
3. 3:7
4. 61
5. 0.9, 0.222, 0.11, 5%
6. $\frac{4}{5}$
7. 120
8. 162
9. icosahedron
10. 650
11. 2.0
12. \$25
13. \$55
14. 40
15. 56, 560
16. 7 pm

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS



17. 1800 kg
18. 42
19. 6, 7

TUESDAY

1. 22 000
2. 113
3. Teacher check: any shape with six sides.
4. 32 000
5. 15 000
6. 1750
7. 2:3
8. 450
9. 5
10. 7000
11. Tuesday 1.30 am
12. 700 000
13. 50
14. dodecahedron
15. \$1.55
16. 18
17. Burra, Melton
18. 54
19. 15 350
20. 10

WEDNESDAY

1. C
2. Sunday 9 am
3. $4 \times 4 \times 4 = 64$
4. 6000.5
5. 1, 2 or 5, 3, 4
6. 9250
7. 37 000
8. 70°
9. 1 000 000
10. 4%, 0.5, 2, $6\frac{1}{4}$
11. 3
12. 120
13. 0.6
14. -5, -4, -2, 0, 3, 8
15. 9.1, 0.91
16. 80
17. 150°
18. 105
19. 7, 0.7
- 20.



Shapes move two places anti-clockwise.

THURSDAY

1. 180°
2. 2346
3. 11
4. 85
5. \$200
6. (b)
7. 16 250
8. $\frac{6}{7}$
9. 36



10. 23, 1.04
11. 12 650
12. 900 000
13. 130
14. 10.5 km
15. \$160 000
16. 500.5
17. 857
18. 26 December
19. 26
- 20.

		64
	108	
24		15

FRIDAY – page 94

1. 1.00
2. 39 000
3. 6
4. 1810
5. ∞
6. 54
7. 0.7
8. 28 000
9. 8
10. no
11. 13
12. 8.93
13. 9100 mm
14. 2:2 or 1:1
15. 20
16. 16 720 kg
17. \$200
18. 52
19. 26
20. $13\frac{13}{8} = 14\frac{5}{8}$
21. A
22. \$360 000
23. Wednesday 4.20
24. \$70
25. \$22.50

WEEK 27 – pages 54–55

MONDAY

1. acute
2. 200 mm
- 3.
4. $\frac{63}{8}$
5. 2100
6. 3000
7. 10, 10
8. 244
9. 1150
10. 90
11. 120 g
12. 31
13. Teacher check; e.g.
14. same
15. 24
16. $a = 60^\circ, b = 120^\circ$
- 17.
18. 30

19. 540°
20. \$15

TUESDAY

1. 12.50
2. cube or pentagonal pyramid
3. (b)
4. 24
5. 5
6. 0.6, $\frac{3}{4}$, $\frac{4}{5}$, 1.2
7. yes
8. 12 cm^2
9. 2.69
10. 500
11. 1.4 L
12. 0.3 kg
13. 65
14. 9
15. sphere
16. 46
17. 2050.5
18. 27
19. 14 250 000
- 20.



WEDNESDAY

1. 24
2. 0.02
3. 0.4
4. 12
- 5.
6. 36
7. 20
8. 85°
9. 0.04
10. yes
11. 48
12. 90°
13. 25.2
14. 545
15. $\frac{3-2}{4} = \frac{1}{4}$
16. \$2.10
17. 25
18. 43 mm
19. x
20. 15th century

THURSDAY

1. triangular prism or square pyramid
2. $\frac{1}{3}$
3. (a)
4. 40
5. 5 buckets, 4 left
6. 0.04
7. 0.289
8. 13
9. $\frac{7}{4} = 1\frac{3}{4} = \1.75
10. C, B, A, D
11. $\frac{11}{4} = 2\frac{3}{4} = \2.75
12. 29.2

13. 0.4 m
14. 50 ($\frac{6}{50}, \frac{20}{50}$)

15. Teacher check: any shape with eight sides
16. 204
17. 8
18. 121
19. 24 hrs 15 min
20. railway lines, powerlines

FRIDAY – page 95

1. 11.35 pm
2. 1800
3. Teacher check: any shape with six sides.
4. 1200
5. 0.02
6. 12
7. 5.5
8. 701
9. 393
- 10.



11. 27
12. 63 m^2
13. 0.35
14. x
15. scalene
16. 83
- 17.
18. 0.8 kg
19. 90°
20. 3 033 500
21. 510
- 22.
23. \$15
24. $a = 50^\circ, b = 130^\circ$
25. 36

WEEK 28 – pages 56–57

MONDAY

1. 336
2. 25
3. heptagonal pyramid or hexagonal prism
4. $7\frac{1}{9}$
5. 2000
6. A = 40 g B = 4000 g
C = 4 g D = 400 g
7. 1600
8. 161
- 9.
10. 0.065 L
11. 1 250 000
12. 4.045
13. 250%
14. $24 000 \text{ cm}^3$
15. $100 \div 2 = 50$
16. 1.30 am



17. 60%
18. 17 – 87 or 70
19. \$17.50

TUESDAY

1. $48\frac{1}{2}$ hours
2. 24
3. 1000
4. 15
5. 500
6. \$210
7. 14.018
8. equilateral
9. 100 mL
10. 2
11. 0.089
12. $\frac{19}{4}$
13. 3.7
- 14.

15. 791
16. 10 000
17. $90^\circ, 180^\circ$
18. 2000
19. 54
20. true

WEDNESDAY

1. 32.016
2. triangular pyramid
3. $\frac{2}{3}$
4. 31
5. $180^\circ, 360^\circ$
6. 194
7. 49
8. 35
9. 64 km
10. rhombus, 360°
11. $a = 120^\circ, b = 60^\circ$
12. 9
13. \$62.85
14. 19 February
15. 1 100 000
- 16.





17. 2, 2, 2, 3
18. \$10.50
19. 10 (complete addition before subtraction)
20. 0.13




THURSDAY

1. 900 000
2. 12 out of 52 or 3 out of 13 or $\frac{12}{52}$ or $\frac{3}{13}$
- 3.
4. 28 m^2
5. $a = \pi \times r^2$
6. angles less than 90°
7. $4\frac{7}{20}$
8. 0.8 = 80%
9. 450
10. 8
11. $x = 120^\circ, y = 120^\circ$

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

12. 3
13. 7.1
14. 
15. \$70
16. 20
17. 0.035
18. 0.52 kL
19. A = 8000 m B = 8 m
C = 800 m D = 80
20. 

FRIDAY – page 95

1. pentagonal pyramid
2. 864
3. Any 3 of: A, B, C, D, E, H, I, K, M, O, T, U, V, W, X, Y
4. 
5. $47\frac{1}{2}$ hours
6. 0.07
7. 0.025 L
8. 6
9. 72
10. $0.6 = 60\%$
11. 902
12. 
13. 635
14. 

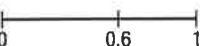
15. 350%
16. 3, 7
17. 36 000
18. 0.14 m
19. 15
20.

	7	
L		J
L		

21. \$80
22. 4.30 am
23. A = 9 g B = 9000 g
C = 900 g D = 90 g
24. 56 km
25. \$11

WEEK 29 – pages 58–59

MONDAY

1. (c)
2. 60
3. hexagon
4. 0.005
5. 0.925
6. 77
7. 80 700
8. 500
9. 
10. 5%, 0.99, $\frac{3}{3}$
11. 14 000

12. 1000 cm³
13. 0
14. 43
15. 1000
16. \$162
17. 500
18. 80c
19. 2.75 sec.
20. 0.002 kg

TUESDAY

1. 525
2. 36
3. 3 m
4. 2250
5. 54.12
6. 50
7. 267
8. \$44
9. rhombus
10. Teacher check; e.g. money order, direct deposit
11. 0.049
12. 4.5, 2.5
13. $\frac{19}{20}$
14. size
15. 44
16. 14
17. 1 kL
18. $10 \times 10 = 100$
19. Favourite dog names

Mutt	Tom	Bella	Bella	Mister
Tom	Tom	Bella	Spike	Dog

20. 7

WEDNESDAY

1. triangular pyramid
2. 222
3. (c)
4. 60
5. false
6. 1.497
7. $\frac{1}{2}$
8. (5, 19) or (7, 17) or (11, 13)
9. 0.4
10. \$22.50
11. $\frac{2}{5}$
12. 100
13. 1200
14. 4 m
15. 1000 mL
16. 225, 675
17. 0.15 t
18. 190
19. $48\frac{1}{2}$ hours
20.

←	↓	→
↖	↘	↙
↗	↕	↖

THURSDAY

1. 7.54 am or 0754
2. 130

3. $y = 35^\circ$
4. 5
5. 175, 525
6. 31
7. 195
8. 320
9. 2.323
10. 75°
11. 4, 5
12. 32
13. 3.002
14. **SEAT**
15. false
16. 60
17. 1.7 kg
18. 0.007 m
19. 17 000
20. \$992

FRIDAY – page 96

1. \$1.75
2. 0.268 t
3. (a)
4. 0.005 m
5. 2 days, 2 hours, 20 minutes
6. 275
7. 120
8. 2.726
9. 5 m
10. 65°
11. 100 000
12. 1000
13. 901
14. 25
15. hexagon
16. 71 000
17. 2.34, 90%, 18%, 0.11
18. 210
19. true
20. 0.185 kL
21. 1.2 m²
22. \$70
23. \$66
24. pentagonal prism
25. 100 L

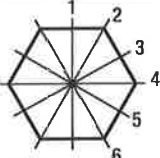

WEEK 30 – pages 60–61

MONDAY


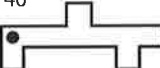
1. 0.125
2. $29\frac{1}{2}$ hours
3. 210
4. 0.8
5. 350
6. 500
7. 20
8. 270
9. 750 m
10. \$300, \$100
11. 400
12. 10 000 800
13. no
14. 84
15. 540 cm

16. 0.045 L
17. \$42
18. 6
19. 1045
20. 1417

TUESDAY


1. 
2. 2354
3. 1800
4. century
5. $0.75 = 75\%$
6. \$240 000
7. 3500
8. 
9. 550
10. false
11. 340 000
12. $400 \div 4 = 100$
13. 38 mm
14. 280, 560
15. 0.75
16. 0.11
17. C
18. 318
19. 180 mm
20. pentahedron


WEDNESDAY

1. 1050 m
2. 0.04 m
3. 1.9
4. E
5. 25°
6. 8 Feb
7. 5
8. 
9. 0.2937
10. kite
11. 1.8
12. 1
13. 2:5
14. 63
15. 1st – Toon Army
2nd – Tea Bags
3rd – Gourmet
4th – Delroy
16. \$4000
17. 0.044
18. 40
19. 

20. 6

THURSDAY

1. 132 m²
2. 
3. 9875
4. no

5. 1.5 kg
6. 180°
7. 111
8. $9\frac{9}{10}$
9. 1.1
10. 315°
11. $>0^\circ, <90^\circ$
12. B
13. 36
14. 12
15. 10.1
16. 22 (do ÷ first)
17. 
18. \$70
19. decade
20. 8

FRIDAY – page 96

1. 1250 m
2. 1.7
3. 19 000
4. no
5. 170
6. 3400
7. 1:3
8. 655
9. 30
10. 0.022
11.

↖	↗	↘
↓	→	→
↑	↖	↗


12. 4.45 pm
13. $7\frac{16}{20}$
14. 250°
15. 54
16. 9.703 km
17. 0.14 m
18. 1 kg
19. 6.0
20. 1 200 000
21. 0.4
22. 160, 320
23. 8.1
24. 5.15 am
25. \$250 000

WEEK 31 – pages 62–63

MONDAY

1. 8:55:05
2. 1.00
3. 360 mm
4. a
5. 4000
6. false
7. 37
8. 6.96
9. -3, 20% of 4, 1.21, $\frac{2}{3} \times 2, 4^2 \times 0.1$
10. \$25
11. 13
12. 25
13. 13 mm
14. Any three of: A, B, C, D, E, H, I, K, M, O, T, U, V, W, X, Y

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

15. 0.06
16. 200 mL
17. 
18. C
19. 363
20. 5.42

TUESDAY


1. true
2. decagon
3. 16
4. 7.992
5. 300 000
6. 41
7. 1:2
8. 250 mm
9. \$19 500
10. b, z
11. 36
12. 21 000
13. 44 mm
14. 2100
15. 18
16. 750 ml
17. 550
18. 8
19. 42
20.

	24	
	18	
22		21

WEDNESDAY

1. \$98.10
2. $40 \times 3 = 120$ or $40 + 40 + 40 = 120$
3. 2.30 pm
4. 1.10
5. 100 000
6. 2050
7. 61
8. \$42 500
9. 0.001 m
10. yes
11. 1.1
12. **43E**
13. 13
14. 300 000
15. 37
16. saturday
17. 200
18. 43
19. 6
20. 

THURSDAY


1. 2 hr 25 min.
2. 35 mm
3. 
4. 8
5. 20
6. 42
7. 450 000

8. $3\frac{1}{3}$ cups
9. 4.6
10. 2
11. false
12. 2.945, 2.845
13. 1 in 2 or 50% or 0.5
14. icosahedron
15. 0000
16. 100%, 10%
17. 0.001
18. 21
19. 360°
20. 8:4 or 2:1

FRIDAY – page 97



1. 1 hr 22 min.
2. 25 600
3. 400 000
4. false
5. 7.995, 7.95
6. 38 mm
7. 10%
8. 420 000
9. 41
10. 1600 mL
11. 16
12. 100 000
13. 4.93
14. $n = 5$
15. \$37 500
16.

	33	
25	28	
		30

17. \$65
18. 54
19. 
20. 760
21. 401
22. yes
23. 6.5
24. 360°
25. 0010

WEEK 32 – pages 64–65

MONDAY


1. 1000
2. 8
3. 
4. $2\frac{5}{4}$
5. 10 512 015
6. 80c
7. 100 000
8. 225
9. 1 mm
10. 0.01 or $\frac{1}{100}$
11. 100
12. $2\frac{8}{5} = 3\frac{3}{5}$
13. 
14. 2000
15. 1
16. $\frac{18}{7}$

17. ~~54c~~
18. 48 000 cm²
19. \approx \$400 or \$384
20. 3.00 am

TUESDAY

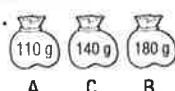
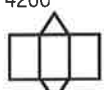
1. 25
2. 3 650 000
3. \$60
4. $3\frac{1}{4} = 7\frac{3}{4} = 7.75$
5. 990
6. 6050 m
7. 255
8. _____
9. 60 mL
10. 72 km/h
11. 0.01
12. $8\frac{1}{6}$
13. 6, 7
14. 20 m
15. 603 km
16. 15
17. 1
18. \$18.25
19. true
20. 2-D

WEDNESDAY

1. 4.45 pm
2. 8 200 000
3. 1:4
4. 7092 mL
5. 15 km/h
6. C, Z
7. 6.01
8. 20 m
9. 20 000
10. A, C
11. 3, 47 or 7, 43 or 13, 37 or 19, 31
12. yes
13. 54
14. 15
15. 70
16. 


17. \$36.45
18. 1%, 0.1, $\frac{5}{10}$, 0.99
19. 16
20. 859

THURSDAY

1. 
2. (c)
3. ~~12a~~
4. 6.993
5. 54
6. 10
7. 4 640 000
8. 1:6
9. 4200
10. 

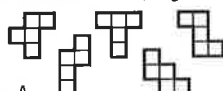
11. 8:24 or 1:3
12. 1250 g
13. 125
14. 40°
15. 19 February
16. 11th century
17. 130 000
18. 8:10 or 4:5
19. 415 000
20. 1.25 t

FRIDAY – page 97


1. 1 000 000
2. $\frac{5}{6}$
3. 1
4. 55°
5. 
6. 15
7. 96 000
8. b
9. 16.18
10. $6\frac{2}{3} = 7$
11. 12
12. 10
13. \$50
14. ~~6c7~~
15. 81
16. \$48.15
17. 60
18. 2.075 m
19. 0.01 or $\frac{1}{100}$
20. 10 pm
21. 1500 m²
22. 155
23. 3100
24. 15 km/h
25. 1.75 kg

WEEK 33 – pages 66–67


MONDAY

1. 10 °C
2. 765
3. (c)
4. 240 000
5. 41, 43, 47
6. 16.018
7. \$12.50
8. 81, 9
9. 1
10. $7\frac{1}{2}$
11. (b)
12. 56
13. Wednesday 8.35 am
14. 0.8
15. (a)
16. 45
17. Teacher check; e.g. 
18. A
19. 423
20. 7205 g



TUESDAY

1. 3, 5, -2, 7
2. 35 m²
3. 5:5 or 1:1
4. 6 090 000
5. 87 000
6. 8.97, 0.003
7. 281 000
8. 1:12
9. 
10. 45
11. 51 min. 50 sec.
12. 45
13. \$45
14. (b)
15. Answers will vary. Teacher check
16. 1000 or 10^4
17. $5\frac{1}{2}$
18. \$9000
19. 107 cm
20. 2052

WEDNESDAY

1. 5, -3, -9, 73
2. 8.025
3. 6:4 or 3:2
4. $4\frac{1}{2}$
5. (a)
6. 3.30 pm
7. 62 500 m²
8. \$5.50
9. (b)
10. 
11. no
12. \$120
13. 1:12
14. 8005 mm
15. true
16. C or D
17. 540°
18. Sunday 11 August, 2300 hrs
19. 120
20. (a)

THURSDAY

1. 43, -7, 92, -16
2. 720°
3. 
4. 3 050 000
5. 0.01 or $\frac{1}{100}$
6. 97 500 m²
7. 5
8. 255 000
9. P = (2, 3)
Q = (2, -2)
R = (-2, -2)
10. 
11. 4.0
12. 485 000

NEW WAVE MENTAL MATHS (BOOK G) - ANSWERS

13. 1 000 000



15. 12

16. 1200

17. true

18. \$15.80

19. 1

20. Monday 10 April,
2300 hrs

FRIDAY - page 98

1. 36

2. 7, -5

3. 3 200 000

4. 29

5. 8.035

6. 6:4 or 3:2

7. 990

8. 40 000 000

9. 15

10. 3%, 0.3, 51%, $8\frac{1}{2}$

11. 540, 720

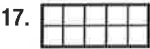
12. 1500

13. 203 cm

14. \$8

15. 10 °C

16. d



18. a

19. c

20. 5000

21. X

22. 301

23. \$5.40

24. 313 000

25. Tuesday 14 March,
2335 hrs

WEEK 34 - pages 68-69

MONDAY

1. 2

2. 2

3. 11

4. 8, 0.8

5. $\frac{7}{10}$

6. 100 910

7. 2 080 000

8. 81 000

9. 38 000

10. 25 cm

11. 15

12. base

13. A, B, C

14. 1800

15. 0.001

16. A or B

17. 12 m²

18. 2.25

19. 9380 m

20. 6

TUESDAY

1. -1

2. 6 m³

3. 0.078

4. 4 m, 5 m

5. 2 800 000

6. 1.68

7. 1958

8. Tub : D

Marble : G

9. 41

10. 157

11. 0.001

12. 0.021

13. $8 - \frac{5}{10} = \frac{3}{10}$

14. C

15. \$108 000

16. 27 00

17. $a = 5$

18. 7720 g

19. 2.00

20. 1000 L = 1 m³

WEDNESDAY

1. 1.24

2. -4

3. $3\frac{4}{5}$

4. $\frac{1}{5}$

5. 0.039

6. $a = 3$

7. 8

8. (a)

9. 1920

10. 0.9 m, 8000 cm,
189 m, 207 km

11. 0.004

12. (a)

13. 1000 cm³

14. Teacher check: Any
shape with six sides.

15. 0.100

16. 24 m²

17. $\frac{8}{3} = 2$

18. Any three from: A, B, C,
D, E, H, I, K, M, O, T, U,
V, W, X, Y

19. 3:2

20. \$63

THURSDAY

1. -9, 70, -3, 9

2. 6 m²

3. \$4.10

4. 1500

5. (a)

6. 7:12

7. 2

8. 171

9. 4000 or 3990

10. 0.15

11. 49



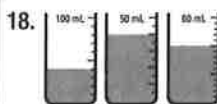
13. 927

14. 0.125

15. 6000

16. 4.00

17. 180°



19. 2105

20. 300

FRIDAY - page 98

1. $\frac{1}{7}$

2. 5

3. 5

4. 24

5. 48 m²

6. 0.018

7. $a = 60^\circ$, $b = 55^\circ$,
 $c = 115^\circ$

8. 6400

9. 936

10. 0.026

11. 2265

12. -3

13. 63

14. 9

15. 2001

16. $\frac{9}{10}$

17. $\frac{9}{4} = 2\frac{1}{4}$

18. 1000 L



20. \$35

21. Arc

22. 3 min. 20 sec.

23. 4005

24. 50 m²

25. \$500

WEEK 35 - pages 70-71

MONDAY

1. -15 °C

2. $\frac{11}{4}$

3. 35

4. 3200

5. 11 400

6. (a), (c)

7. (b)

8. 210 000

9. 130°

10. 9940

11. -10

12. 80 980

13. (c)

14. true

15. 6

16. 0.4

17. 24

18. 1 am

19. 2.12 sec.

20. 9763

TUESDAY

1. true

2. $y = 270^\circ$

3. -8

4. $\frac{67}{8}$

5. 10

6. 1020

7. 8030 mm

8. B

9. 0.067

10. 16

11. 12

12. 0.09

13. A

14. 0.09

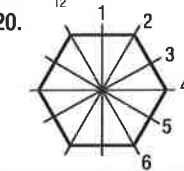
15. 0330

16. 4

17. 8764

18. 9950

19. $\frac{11}{12}$



WEDNESDAY

1. $4\frac{1}{2}$

2. false

3. -7

4. 1.475 kg

5. 1710

6. 9975

7. 180

8. $a^\circ = 75^\circ$

$b^\circ = 70^\circ$

$c^\circ = 145^\circ$

9. 10.30 pm

10. 19

11. 20



13. 52 400

14. 6 kg

15. 4040 g



17. 24

18. $\frac{1}{4}$

19. 136

20. (c)

THURSDAY

1. 32

2. $c = 19$ (all prime 2-23)

3. 4-pack

4. false

5. 151

6. 1:20

7. 335


8. -2

9. 10

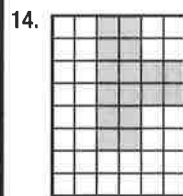
10. Bridgetown, Busselton

11. 9

12. Teacher check;

e.g. 

13. 2.7



15. $\frac{7}{8}$

16. 1000 L

17. 7050 mL

18. 2 days, 1 hour, 25 min.

19. $434 + 69 = 503$

20. 10 km

FRIDAY - page 99

1. 6

2. 40.70

3. 2360 g

4. 13

5. 40

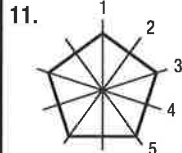
6. 3-pack

7. 9973

8. 26

9. 906

10. 5 am



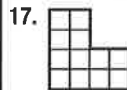
12. 447.5

13. 7000

14. 86

15. Tuesday 14 June 2240

16. $249 + 75$



18. 90



20. 148

21. 5.2

22. 4 km

23. D

24. $a = 8$

25. Lorne, Gympie

WEEK 36 - pages 72-73

MONDAY

1. 70

2. 1.5

3. 4:2 or 2:1

4. 21

5. 2780

6. 0.904 t

7. \$70.20

8. 210

9. 8

10. 2%, 0.05, 0.3, $\frac{4}{10}$, 1.1

11. 0.4

12. Any three of H, I, O or X.

13. 25 m²

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS

14. \$2500
15. $\frac{5}{6}$
16. yes
17. A
18. Teacher check; answers will vary.
19. 63
20. -3

TUESDAY

1. 2.30 am
2. 27
3. -2
4. 40
5. 1.85 m
6. -5, 4% of 4, 10% of 2, 0.21, 1.05
7. 190
8. 180
9. (b)
10. 5
11. 2
12. \$58.90
13. yes
14. 0.3, 20%, 0.11
15. 60 m²
16. \$3000
17. -3, 4, 7
18. \$60
19. $\frac{2}{3}$
20. \$40.50

WEDNESDAY

1. 2.5 km or 2500 m
2. $12\frac{1}{3}$
3. 800
4. 1000 L
5. $\frac{3}{10}$, $-\frac{1}{5}$, $\frac{1}{4} \times 1.2$, 47%, $8^2 \times 0.01$, 2.08
6. 9.0
7. 116
8. east
9. 8



11. 13
12. Teacher check
13. yes
14. (e)
15. \$63.75
16. 200 mL
17. 32
18. 8 km
19. 8:21
20. 1000 mL

THURSDAY

1. 0.001 g
2. 1970
3. 4
4. convex
5. \div
6. 500 g
7. 0.909
8. (c)


9. 6.13
10. 84
11. Teacher check
12. $e = 5$
13. 192
14. 6.52
15. 4
16. \$26.55
17. B, C, A
18. $3\frac{1}{5}$
19. 500 mL or 0.5 L
20. 3 km

FRIDAY – page 99


1. 2 pm
2. -2
3. 0.125
4. 3
5. 2.17
6. a
7. 2.070 m
8. 0.001
9. 6
10. $7\frac{1}{2}$
11. \$62.70
12. 9.0
13. 196
14. no
15. \$25
16. 32
17. (a)
18. 2.1, $\frac{1}{5}$ of 4, $7^2 \times 0.01$, 0.32, 15%
19. \div
20. 6 km
21. 100 mL
22. 0.5
23. 14
24. 40 m²
25. \$800

WEEK 37 – pages 74–75

MONDAY

1. 4095
2. 2 000 000
3. 17
4. 40
5. 
6. 118 000
7. (b)
8. 0.8
9. 28
10. 30
11. 1 March
12. 630 000
13. 14 073 mm
14. 29 July
15. 1750
16. $\frac{5}{16}$
17. 8
18. 2
19. 0.99
20. $A = \frac{1}{2}$, $B = \frac{1}{8}$, $C = \frac{1}{8}$

TUESDAY

1. True
2. 24 000
3. 4
4. \$69.80
5. 500 000 000
6. 
7. 12 379
8. 59 000
9. 50
10. 27 March
11. 675
12. 19 356 g
13. A
14. 0.04, 0.004, 0.04
15. 0.2
16. 60 mm
17. 3.14
18. 7 km
19. 108
20. $a = 54^\circ$
 $b = 72^\circ$
 $c = 126^\circ$

WEDNESDAY


1. 12.051 L
2. 4, -8, -4, 6
3. $6\frac{1}{10}$
4. 10.1
5. yes
6. true
7. 9% or 0.09, 0.09% or 0.009, 9% or 0.09
8. 10
9. 100
10. (a)
11. choc = 5, sugar = 15
12. 1:12
13. 9 February
14. 1 h 35 min.
15. 0.01
16. 9
17. 2.0
18. 0.016
19. 24 m²
20. A

THURSDAY

1. 0
2. (a)
3. 875
4. $A = \frac{1}{6}$, $B = \frac{1}{6}$, $C = \frac{1}{3}$, $D = \frac{1}{3}$
5. 24
6. 20.4
7. 180°
8. no
9. south
10. 4 October
11. 33
12. 27

13. 26 000
14. 325
15. 12
16. 219 442
17. 14
18. $1 = 7000 \text{ g}$, $2 = 80 \text{ kg}$, $3 = 0.4 \text{ t}$
19. 3 400 000
20. (b)

FRIDAY – page 100

1. 0.042
2. yes
3. 14
4. 12
5. 770
6. sugar:24, lemon:12
7. 13
8. 0
9. 3.16
10. 26 December or (25 December for leap)
11. 320%
12. 
13. 3476
14. $a = 58^\circ$, $b = 48^\circ$, $c = 106^\circ$
15. west
16. 5 November
17. 0., 40 cm, 1200 m
18. 197
19. 12.5
20. 7 050 000
21. 1 hr 10 min
22. no
23. yes
24. circles
25. 20

WEEK 38 – pages 76–77

MONDAY

1. 6:9:3
2. 48
3. 0.06
4. 76
5. 100 000
6. 127
7. 10 kL
8. 4.90
9. 108°, 120°
10. 3.6
11. 304
12. B
13. 24 300
14. 40 m²
15. \$2200
16. -4
17. 9050
18. 6
19. 70
20. 20

TUESDAY

1. 12:9:15
2. 253, 509
3. 90
4. 4890 m
5. square
6. north-east
7. 35
8. 17.5 m²
9. 10 000
10. 303.4
11. $A = 4 \text{ m}$
 $B = 4000 \text{ m}$
 $C = 400 \text{ m}$
 $D = 40 \text{ m}$
12. 4073
13. 950 L
14. 1.00
15. 4
16. $4 + \frac{5}{6} = \frac{9}{6} = 1\frac{3}{6} = 1\frac{1}{2}$
17. 20 June 2245
18. 400
19. 18.014
20. 1:18

WEDNESDAY

1. 1000
2. (c)
3. $12 + \frac{10}{15} = \frac{22}{15} = 1\frac{7}{15}$
4. 4, 3, 1, 2, 5
5. 1 000 000
6. $100 - 16 = 84$
7. 301
8. \$50
9. 52
10. 2.35
11. 18×12 , 24×9
12. 2020 m
13. \$55
14. 32, 64
15. 45
16. south-west
17. 6 m²
18. \$90
19. 14
20. 4300 m

THURSDAY


1. 2 750 000
2. 10 000
3. 1979
4.

	Mon.	Tue.	Wed.	Thu.	Fri.
Sales	10	27	15	8	16
Bal	90	63	48	40	24
5. false
6. 13
7. 101
8. 54
9. 145°
10. 7
11. 96
12. \$1440
13. 800 L
14. 10

NEW WAVE MENTAL MATHS (BOOK G) – ANSWERS


15. 21
16. 35
17. hemisphere
18. 
19. 40
20. \$3.75

FRIDAY – page 100

1. 9
2. 8 cm
3. 3800 m
4. 23
5. 330
6. 4.73
7. 9:21:6
8. 
9. \$68 000
10. $\frac{2}{6} + \frac{1}{6} = \frac{3}{6} = \frac{1}{2}$
11. $6 \times 27 = 18 \times 9$
12. north-west
13. 74
14. 2 140 000
15. 7.0
16. 20
17. 20 cm
18. -3
19. (d)
20. 1500
21. 96
22. 8500 L
23. 1.5 m²
24. Monday 19 November 2250
25. 10 000

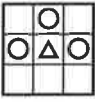
WEEK 39 – pages 78–79

MONDAY

1. 82 705
2. false
3. $n = 10$
4. 6.3
5. 
6. $\frac{3}{8}$
7. 14
8. 0.407 km
9. < 7
10. 42.5 km
11. $2\frac{3}{7}$
12. 0.04
13. 20
14. -5
15. 8 pm
16. 54 km
17. 9.1
18. \$75
19. $\frac{1}{3}$
20. 132

TUESDAY

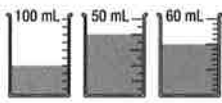
1. true
2. 36

3. 1 000 010
4. (c)
5. 29 m
6. 20
7. 12
8. 9.3
9. D
10. 8
11. 
12. 16.5 ha
13. 3 pm
14. 19th
15. 30%
16. $100 + 150 = 250$
17. 10^4 , half a million, 890 900, 0.9 million
18. 23 500
19. \$71
20. 5

WEDNESDAY

1. 1500 m or 1½ km
2. 20
3. 366
4. 165 cm
5. 3
6. false
7. \$1300
8. 195
9. 3200, 320
10. 6
11. $4 + \frac{5}{10} = \frac{9}{10}$
12. 60
13. no
14. 12
15. 100, 25
16. Answers will vary. Teacher check
17. 1 mL
18. 0.014
19. 121, 11
20. 3, 4

THURSDAY

1. $\frac{1}{4}$
2. 4
3. 9207 L
4. 
5. 1 080 000
6. 2, 2, 2, 3
7. 18
8. 144
9. 9.9
10. 8.25 ha
11. sphere
12. A, B
13. 2469
14. 0.75
15. true
16. 2.7
17. 11, $\frac{9}{2}$, $1\frac{1}{2}$

18. 5.23
19. 999 999
20. 7

FRIDAY – page 101

1. (b)
2. 6
3. 225
4. 4
5. prism
6. 3001
7. 37
8. 5250 m
9. $n = 4$
10. 18th
11. 90%
12. 7
13. 55 mm
14. 25
15. 0.01
16. 7
17. 465
18. 0
19. 54 m²
20. \$1620
21. 5
22. 8 km
23. 9
24. -3
25.

		24
88	40	
		32

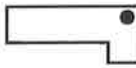
WEEK 40 – pages 80–81

MONDAY


1. TT, HH, TH, HT
2. 12
3. 90
4. 3
5. 5.4 km
6. 8.3
7. 3 am
8. 8.2
9. \$65
10. north-east
11. heptagon
12. 108
13. 2800
14. 4
15. 2.2 or 1.1
16. 36
17. Tuesday
18. 31
19. 2400
20. 1825 g

TUESDAY

1. 250
2. -20 °C
3. 9
4. 42
5. 49 cm²
6. Teacher check
7. 45 km
8. 601

9. 45
10. 8780
11. 1.005 million or 1 005 000
12. west
13. 1.45
14. 
15. $n = 8$
16. 4
17. 8000
18. yes
19. 21, 2100
20. 1.59.62

WEDNESDAY

1. north-east
2. (d)
3. 180
4. 1:16
5. 52 m
6. b
7. 701
8. $32 + 16 = 48$
9. 12, 6, 600
10. 2750
11. 10 053 000
12. 

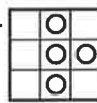

13. 8.7 km
14. 28 km/h
15. true
16. 2590
17. 4.2
18. x
19. $\frac{5}{6}$
20. 60

THURSDAY

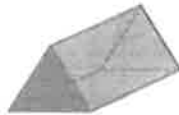
1. Answers will vary
2. (d)
3. 30, 270
4. 4
5. 24
6. 1928
7. 0.25 or $\frac{5}{20}$ ($\frac{1}{4}$), 25%
8. 9
9. 11.30 pm
10. \$6.50
11. 240
12. $14 + 21 = 35$
13. 25
14. A
15. 128
16. true
17. 3920
18. 3:4
19. (a) \$1
(b) \$10
20. 14

FRIDAY – page 101

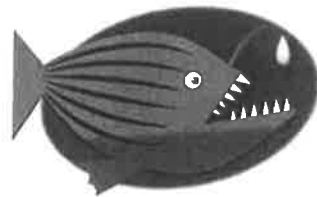
1. 2.30 pm
2. 27
3. 1.015 million or 1 015 000

4. 1550
5. The whole rectangle (12 x 8) is shaded
6. 6
7. 4
8. (b)
9. false
10. south-east
11. 28
12. $n = 10$
13. 8:32:12
14. 
15. 701
16. 48 m
17. 16
18. 128
19. 150 cm
20. 4
21. 
22. 32 posts
23. $8 + \frac{3}{12} = 11\frac{1}{12}$
24. -2
25. 997

- This prism has _____ corners.
- Half past _____
or _____:30
- How many days are in one week? _____

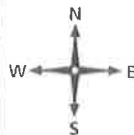
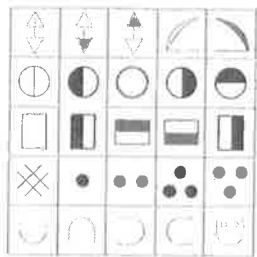


- Double:
 - the stripes
= _____
 - the teeth = _____



5. $900 + 20 + 1000 + 6 =$ _____

- Start at the bottom left-hand corner. Go north 3, east 4, west 2, south 2 and you land on _____



7. $5 \square 3 = 15$

8. $5 \square 3 = 8$

9. 3, 6, 9, _____, 15

10. $4 + \square + 3 = 10$

11. $2 \times \square = 14$

- Colour the odd numbers.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

13. $4 + \square = 14$

- Draw a dot halfway between A and B. Label as C.



- (a) Draw a dot halfway between A and C. Label as D.

- Is AC:

- one half of AB?
- one third of AB?
- one quarter of AB?

- Quarter past _____
or _____:15

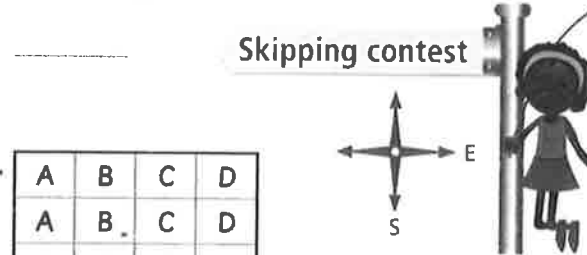


2. $40 + 70 =$ _____

3. 516, 518, _____, _____, _____, 526

4. 15, 18, 21, _____, 27

- Which direction does Ari need to go to compete in the skipping contest?



6.

A	B	C	D
A	B	C	D
A	B	C	D

Is BBB a row or a column?

7. $3 \times 1 = 3$ $3 \times 10 = 30$

(a) $3 \times 100 =$ _____

(b) $3 \times 1000 =$ _____

8. $2 \times \square = 12$

9. $6 + \square + 1 = 10$

10. 3, 7, 11, _____, 19

11. $20 - 12 =$ _____

12. $6 + \square = 16$

	(M) Mildura	(K) Kiama
June	120	78
July	97	121
August	104	107
Total	321	306

- Which place recorded the most rainfall? _____

- Which place and month was the wettest?

- Which place and month was the driest?

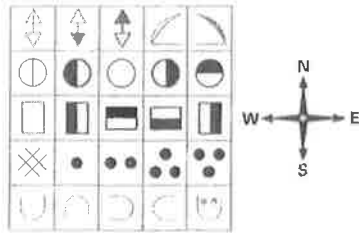
1. Does area A match area B?

yes no



2. Estimate how many steps it would take to walk around your classroom. _____

3. Start at the centre. Go north 2, west 1, south 3 and east 3.



What position do you finish at?

4. $9 \square 2 = 11$

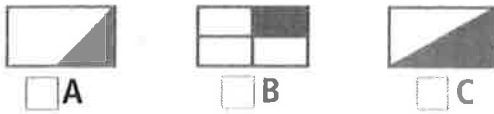
5. $9 \square 2 = 18$

6. $7 \times 1 = 7$ $7 \times 10 = 70$

(a) $7 \times 100 =$ _____

(b) $7 \times 1000 =$ _____

7. Which shape is coloured as a half?



8.	$140 + 100 = 240$
	$240 + 100 = 340$
	$340 + 100 =$

9. Double  = _____

10. Quarter past _____
or _____ .15



11. $2 + \square + 5 = 10$

12. 3, 8, 13, 18, _____, 28

13. Colour the even numbers.

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

14. $2 \times \square = 16$

15. $8 + \square = 18$

1. A and B match when folded. Is the circle symmetrical?

yes no



2. Draw hands to show 3.30.



3. $100 - 70 =$ _____

4. Double  = _____

5. $2000 + 70 + 300 + 8 =$ _____

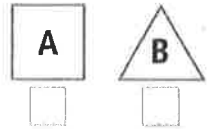
6. Write two number sentences using the number family of 6, 8 and 14.

_____ + _____ = _____

_____ - _____ = _____

7. $7 \square 8 = 15$

8. Which shape covers less area?



9. $8 \square 4 = 2$

10. Tick the set with 2 even numbers.

(6, 9) (8, 1) (10, 4) (3, 7)

11. Big Ted has \$1. He wants to buy honey. Which is his cheapest choice?

Buy 2 half tubs

Buy 1 full tub



12. $9 \times 1 = 9$, $9 \times 10 = 90$, $9 \times 100 =$ _____

13. $16 \div 2 =$ _____

14. 0, 5, 3, 8, 6, _____

The pattern's rule is + _____, then - _____.

15. The email is mixed up. Order them in the correct time sequence from oldest to most recent.

FROM	TIME RECEIVED	FILE SIZE	SUBJECT
Daddy Bear	yesterday	198 KB	Who ATE my porridge?
Mummsle Bear	48 mins ago	1.5 MB	Oh great! We need to change cereals!
Pierre	1 hour ago	898 KB	Mwa - I am the 'Porridge Phantom'
Pierre	8 hours ago	1.4 MB	I think Goldygirl ate your porridge!
Goldygirl	2 hours ago	909 KB	Not me! I eat only yoghurt and pears.
Pierre	2 hours ago	187 KB	It was I! I love porridge!
Daddy Bear	90 mins ago	365 KB	Who's this Pierre?

1. The time is a quarter to _____.



or

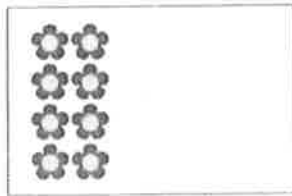


2. $29 - 10 =$ _____

3. This is an array of $2 \times 4 = 8$.

Add to this array to show

$4 \times 4 =$ _____.

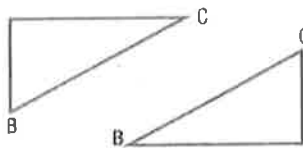


4. $16 \div 4 =$ _____

5. $11 + 11 + 11 =$ _____, $3 \times$ _____ = 33

6. Luke joined the triangles at points B and C and made a:

- square
- rectangle
- pentagon



7. Halve 30. _____

8. 110, 125, 140, _____, _____, 185

The rule of the pattern is + _____.

9. (a) $3 + 8 =$ _____ (b) $13 + 8 =$ _____

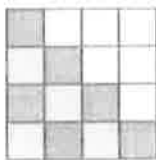
10. How long is \overline{AB} ? _____ cm or _____ mm



11. How many days are in March? _____

12. $55\ 896 = 50\ 000 +$ _____

13. How many blocks are needed to fill the grid?



14. Double:

(a) $9 \times 2 =$ _____

(b) $19 \times 2 =$ _____

15. $1\ \text{cm} =$ _____ mm

16. This line is **vertical** **horizontal**.



17. Name this 2D shape.

18. How many days are in a common year? _____

19. $800 + 60 + 2 + 10\ 000 =$ _____

20. $2 \square 9 = 18$

1. The time is a quarter to _____.



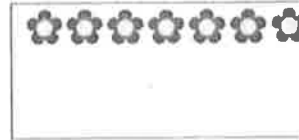
or



2. (a) $5 + 9 =$ _____ (b) $15 + 9 =$ _____

3. Round 27 to the nearest ten. _____

4. Finish this array to show $7 \times 3 =$ _____.



5. What is the total amount?
\$ _____



6. _____ cm = 1 m

7. $13 - 9 =$ _____, $130 - 90 =$ _____

8. 39, 42, 45, _____, _____, 54

The rule of the pattern is + _____.

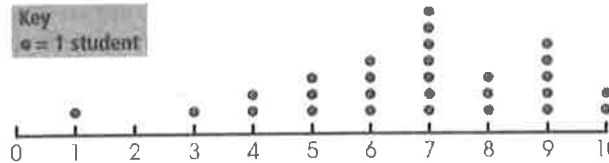
9. Name this 3D object.



10. $5 \times 5 =$ _____

THROW 10 AND CATCH COMPETITION

Key
● = 1 student



11. (a) How many students managed to throw and catch 8 or more? _____

(b) How many scored less than 5? _____

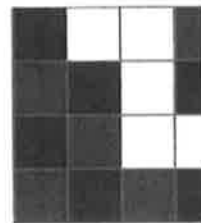
12. Write *one thousand* and *twenty* as a numeral. _____

13. $\$1.00 - 20c =$ _____

14. $\$5.00 - \$3.50 =$ _____

15. $13 - 7 =$ _____

16. How many blocks are needed to fill the grid? _____



17. Changing $\frac{1}{10}$ (fraction) to a decimal = 0.1. So, $\frac{2}{10} = 0.2$.

(a) $\frac{3}{10} =$ _____

(b) $\frac{5}{10} =$ _____

18. How many days are in April? _____

19. This line is **vertical** **horizontal**.



20. $14 \square 2 = 7$

WEDNESDAY

1. Draw the time $1\frac{1}{2}$ hour earlier.
2. $5 + 3 =$ _____
3. $\$10.00 + \$4.50 =$ _____
4. $6 \times 5 =$ _____
5. How many days are in a leap year? _____



6. How many more 50c to make \$6?



7. Double 44. _____

8. Name this 2D shape.



9. How many weeks are in a year? _____

10. $35 \square 7 = 5$

11. A pentagon has _____ sides.

12. $0.3 = \frac{3}{10}$, $0.4 =$ _____

13. What are the three winter months?

14. 1 minute = _____ seconds

15. This line is **vertical** **horizontal**.

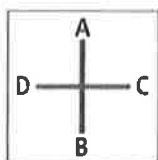


16. $102 = 10 \times 10 +$ _____

17. Name this 3D object.



18. Draw in the new position.



19. $39 - 10 =$ _____

20. Room 6 students had 5 shots each at a netball ring. Complete the dot plot using the data from the table.

GOALS SCORED	STUDENTS	NUMBER OF STUDENTS
0		3
1	###	5
2	### II	7
3	### ### II	12
4		3
5	###	5

Room 6 netball scoring

Number of students
● = 2
○ = 1



THURSDAY

1. The time is a quarter to _____



2. $12 - 8 =$ _____

3. Round 42 to the nearest ten. _____

4. Add 10 to 997. _____

5. $15 -$ _____ $= 7$

6. $\$1.00 - 70c =$ _____

7. 40, 36, 32, _____, 24

8. $\$10 - \$5.50 =$ _____

9. To measure the length of your desk, would you use centimetres (cm) or kilometres (km)? _____

10. $4 \times 4 =$ _____

11. $1388 = 1300 +$ _____

Bianca surveyed a squabble of seagulls for their daring antics of chip snatching!

CHIP-SNATCHING SEAGULLS



12. (a) How many chips were taken in total? _____

- (b) How many more chips did 'Cheeky' snatch than 'Big'? _____

13. Does sunrise occur in the am or pm? _____

14. How many days are in February this year? _____

15. In 389, what is the value of the 8?
 - 800
 - 80
 - 8

16. 1 m = _____ cm

17. 4, 7, 10, 13, _____

18. On a dice, the opposite numbers add up to 7. What number will be opposite 2? _____



19. Is a pentagon a quadrilateral? yes no

20. Change $\frac{5}{10}$ to a decimal. _____

MONDAY



- Add 20 minutes to this time. _____
- $70 - 4 =$ _____
- The decimal at:
 A = _____ B = _____ C = _____ D = _____
- $93 \times 3 = (\text{_____} \times 3) + (3 \times 3)$
 $= \text{_____} + 9$
 $= \text{_____}$
- $4.2 \text{ km} =$ 42 m 420 m 4020 m 4200 m
- Round 3615 to the nearest thousand. _____
- Measure the length of \overline{AB} in cm. _____ cm
- What type of triangle is this?

- $6500 + \text{_____} = 50\ 000$
- $50 + 80 =$ _____
- $3 + \frac{8}{100} =$ _____ (Write as a decimal.)
- $38 \div 6 =$ _____ r _____
- This is a net of a(n):

- $1 - 0.1 =$ _____
- What is the date one week before 7 October?

- At a price of 40c per apple, what will you pay for 8 apples? _____
- How many internal angles in an octagon? _____
- What is the perimeter? (Not to scale)

- $\frac{4}{10} = 0.4, \frac{8}{10} = 0.8, \frac{12}{10} = 1.2, \frac{16}{10} =$ _____
- Write a number sentence to solve this problem:
 There are 3 buckets, each holding 12 golf balls. How many golf balls altogether?

TUESDAY



- Add one-third of an hour to this time. _____
- $23 - 8 =$ _____
- $\$10.00 - \$8.70 =$ _____
- $6.2 \text{ kg} =$ 620 g 62 g 6020 g 6200 g
- Double 195. _____
- $1.5, \text{_____}, 0.9, 0.6, 0.3$
- Round 6515 to the nearest thousand. _____
- Rotate a $\frac{1}{2}$ turn.
- Alicia paid \$10.00 for 4 kg of tasty potatoes. What is the cost per kg?

- This is a net of a
- Read the pie graph and calculate the amount for green.
- The year 2008 was a leap year. On this time line, complete the other leap years.
- Draw the 3rd line of symmetry of this equilateral triangle.
- $57\ 917 - \text{_____} = 50\ 000$
- What is the area of this 3×3 grid?

 _____ squares
- $4.5 > 3.8$ true false
- $0, 4, 8, \text{_____}, \text{_____}, \text{_____}, 24, \text{_____}$
- $41 \div 9 =$ _____ r _____
- $\frac{1}{4} + \frac{2}{4} =$ _____
- $0.9 + 0.1 =$ _____

9:20

1. Add 20 minutes to this time.

2. Write the numeral *one thousand and ten*.

3. 2.7, 2.8, 2.9, _____

4. What will be the date one week before 7 August?

5. Complete the multiples of 12.

12, _____

6. $42 - 7 =$ _____

7. $7.2 \text{ t} =$ 7200 kg 72 kg 720 kg 702 kg

8. What type of triangle is this?



9. 5.3 rounded to the nearest whole number is 5, so

7.4 rounded to the nearest whole number is _____.

10. $84 \times 4 = (80 \times 4) + (\text{_____} \times 4)$

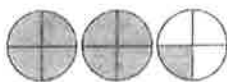
$=$ _____ $+ 16$

$=$ _____

11. $30 + 6000 + 700 + 7 =$ _____

12. Which mixed number is coloured?

$3\frac{1}{4}$ $2\frac{1}{4}$ $2\frac{3}{4}$



13. November occurs in which season?

14. $80\,000 + 70 + 5000 =$ _____

15. $23 \div$ _____ $= 2.3$

16. Which year was a century prior to 1984? _____

17. $0.6 + 0.4 =$ _____

18. Share \$20.00 equally among 8 students.

19. What is the area of this 4 by 3 grid?

_____ squares



20. What is the easier way of calculating the above area than counting all the squares?

1. Complete the decimals.



2. $999 + 7 =$ _____

3. This triangle is a



4. Read the pie graph and calculate how many people favour Daisy as a name.

Favourite pet names



5. $73 - 8 =$ _____

6. $5.2 \text{ m} =$ 52 mm 502 mm
 520 mm 5200 mm

7. _____, 9.9, 9.7, 9.5, 9.3

8. Round 8.7 to the nearest whole number. _____

9. In which season does January occur?

10. This is a net for a

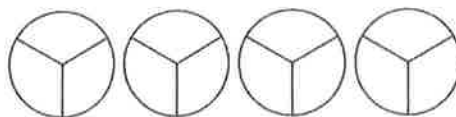


11. $1 - 0.8 =$ _____

12. 25, 50, 75, 100, _____, 150

13. $9.3 > 8.8$ true false

14. Colour the mixed number $3\frac{1}{3}$.



15. Using 7, 8, 4 and 8, write the greatest number possible. _____

16. What is the area of a 7 by 4 grid?

_____ squares

17. $8 + 8 + 8 + 8 =$ _____

18. $0.5 + 0.5 =$ _____

19. $103 \div 10 =$ _____ r _____ $=$ _____

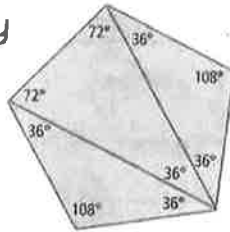
20. $71 \div$ _____ $= 7.1$



Monday

1. This regular pentagon has:

- scalene triangles
- isosceles triangles
- equilateral triangles



2. What is the sum of the angles of a pentagon?

Tuesday

1. Ethan had $5 \times \$1$, $5 \times 50c$ and $6 \times 20c$ coins. Ethan ordered 4 hot chocolates and his father picked up the shortfall of



\$ _____.

2. Find the digits each letter represents.

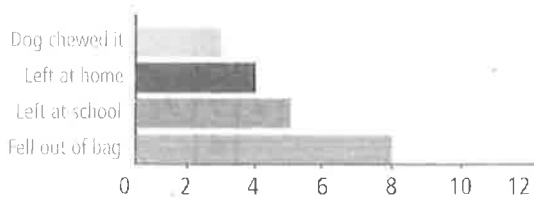
	B	3	A
+	C	2	B
	5	A	9

A = _____

B = _____ C = _____

Wednesday

Year 6 homework excuses for 1st week of October



1. What was the fraction of homework that fell out of bags? _____

2. What fraction either left their homework at school or at home? _____

Thursday

1. A cake shop uses a large container of golden syrup each week. From Wednesday to Sunday, the chef uses $\frac{3}{5}$ of a container. Circle the litre level that will be left over for Monday.

2. On Tuesday morning there was 5 litres left. How much was used on Monday?

_____ litres



1 Complete the number line.



A = _____

B = _____

2 Round $8\frac{5}{8}$ to the nearest whole.

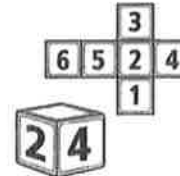
3 $39 \div 4 =$ _____ r _____

4 $407 \square 10 = 4070$

5 $4 - 1\frac{1}{4} =$ _____

6 $0.1 < 0.3$ true false

7 Write the missing number.



8 $50 \times 7 =$ _____

9 $\$20.00 - \8.50

= _____

10 $25 \times 64 \times 4 =$ _____

11 Halve 1750. _____

12 Write one quarter of a million as a numeral.

13 $\frac{7}{10} + \frac{4}{10} = \frac{\square}{10} =$ _____

14 A car sped by at 91 km/h. What is the driver's speeding fine?



5–12 km/h \$100

13–20 km/h \$200

21–25 km/h \$300

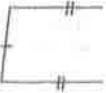
26–31 km/h \$400

15 $207 \square 10 = 2070$

16 0.2, 0.4, 0.6, 0.8, _____

17 This is a:

- kite
- pyramid
- rectangle
- parallelogram

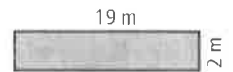


18 0000 hours =

- 12 am
- 12 pm

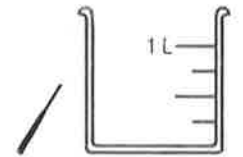
19 3 m = _____ mm + 1 m

20 Perimeter = _____ m



21 Which season is April in?

22 A wizard poured 750 mL of plum juice. Mark this level



23 120 cm = _____

24 Rotate 270° anticlockwise



25 The probability of an even number from a single die (as a fraction)



MONDAY

1. What is the time? _____



2. $90 + 30 =$ _____

3. Which equation is equal to 9×8 ?

- $40 + 42 = 82$
 $100 - 21 = 79$
 $6 \times 6 \times 2 = 72$

4. The headphones were \$130, now they cost _____.



5. 1500 hours = _____ pm

6. $29 \div 7 =$ _____ r _____

7. $\frac{3}{10} + \frac{4}{10} =$ _____ = 1

8. Round $8\frac{6}{10}$ to the nearest whole number. _____

9. What is the speeding fine?

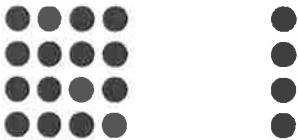
- 5–12 km/h \$65
 13–21 km/h \$105
 22+ km/h \$250



10. 250 cm = _____ m

11. Write *two-fifths* as a fraction. _____

12. $2078 - 100 =$ _____

13. 
 _____ \times _____ + _____ = _____

14. $1030 > 1029$ true false

15. Which set has 2 prime numbers?

- 15, 19 17, 19 21, 23 29, 33

16. 2.5, 2.8, _____, 3.4, _____

17. Which letter fits on the blank face of the cube? _____



18. $5.1 - 0.4 =$ _____

19. Mr Tangletoes used a \$20 banknote to pay for his \$3.80 cup of coffee.



How much change did he get? _____

20. The date 5 days after 27 October is _____

TUESDAY

1. What is the time? _____




2. $5 \times 9 =$ _____

3. 1300 hours = _____ pm

4. Round $12\frac{2}{5}$ to the nearest whole number. _____

5. $27 + 18 + 49 =$ _____

6. $40 \div 7 =$ _____ r _____

7. $\frac{1}{10} + \frac{1}{10} +$  = 1

8. 

A = _____ B = _____ C = _____

9. $\frac{21}{4} = 4\overline{)21} = 21 \div 4 =$ _____ r _____

10. $0.3 \times 4 =$ _____

11. $1129 < 1103$ true false

12. $7 \times 9 =$ _____, $70 \times 9 =$ _____,
 $700 \times 9 =$ _____

13. Draw beads on the abacus to show 2.04.



14. $2190 - 1000 =$ _____

15. 410 cm = _____ m

16. $0.04 \times 100 =$ _____

17. A wizard needs 200 mL of prune juice for his special skin lotion. Colour this amount on the beaker.



18. The date 6 days after 26 December is _____

19. *Wally's toyworld*

4 \times W-Box games @ \$15 = _____

20. A plane left Sydney for Brisbane. In which direction will it be travelling?

- westerly northerly
 easterly southerly

MY SCORE 

MY SCORE 

MONDAY



1. What is the time?
2. One millennium = _____ years
3. A truck has a tare of 8500 kg and an aggregate of 15 000 kg. How many kilograms can it carry?



4. How many 20c coins make up \$5.00?
5. $48 \times 5 = 10 \times$ _____
6. $10 - 0.08 =$ _____
7. Add brackets to this number sentence.

$6 \times 3 + 8 \div 2 = 22$

8. $12.70 > 12.09$ true false



Show this shape after a $\frac{1}{2}$ turn.

10. Halve $\frac{1}{2}$
11. $2 \times 10^4 =$ _____
12. A lolly jar contains 10 blue, 4 red and 6 white jelly beans. What is the chance of picking a blue bean?
13. On your house plan a length of 8 m is indicated for a kitchen window. If the scale is 1:100, how long is the line on the plan?

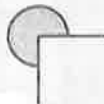


14. $\$20.00 - \$6.35 =$ _____

15. $81 \div$ _____ $= 9$

16. $\frac{1}{9} = 0.$ _____

17. What is the size of this angle?



It is also known as an _____ angle.

18. $18 \div 2 =$ _____ $\div 4$

19. 25% of 200 = _____

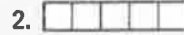
20. What is the volume of a box with measures of 50 cm length, 30 cm width and 20 cm height?

_____ cm^3

MY SCORE

TUESDAY

1. Write the number one after 99 989.



Draw another pentomino by changing only one block.

3. If a race car's second track time of 9.19 seconds is 0.2 seconds faster than its first, what was the original time?

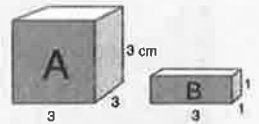


4. Share \$120 equally among 8 boys. _____ each
5. Share \$120 equally among 16 boys. _____ each

6. $1 - 0.04 =$ _____ , $10 - 0.04 =$ _____

7. Halve $\frac{1}{4}$

8. How many B boxes fit into Box A?



9. If you can ride your bike 3 km in 12 minutes, how far can you ride in 1 hour?



10. Draw a reflection.

11. $7\frac{1}{10} - \frac{6}{10} =$ _____

12. How many days are in a leap year?

13. Name this shape.



14. What is the ratio of girls to boys if there are 15 girls to 3 boys?

15. $25 \times \frac{2}{5} =$ _____ , $50 \times \frac{1}{5} = 20$

16. 25% of 300 is _____

17. $49 + 139 =$ _____

18. The LCD of $\frac{7}{10}$ and $\frac{3}{4}$ is _____

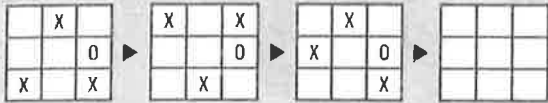
19. 8.1, 8.05, 8, _____ , 7.90, 7.85

20. $72 \div 12 =$ _____ $\div 6$

MY SCORE

WEDNESDAY

- Write the number one after 109 999.
- $24 \times 10 = 5 \times$
- Simplify $\frac{20}{24}$.
- $10^5 \times 4 =$
- Antonio exchanged AUD \$50 for 20 euros. How many euros would he receive for AUD \$75.
- Complete the pattern.



- $2000 - 350 =$
- Draw after a $\frac{3}{4}$ turn anticlockwise.
- One century = _____ years
- 25% of 500 is _____
- A dodecagon has _____ sides.
- How many B boxes would fit into Box A?
- $5\frac{2}{10} - 7\frac{1}{10} =$
- 8.5, 17, 34, 68, _____
- $82.95 \div 10 =$
- A bus timetable shows 8-minute intervals between each stop. If a bus leaves its depot at 9.02 am and has four stops, at what time does it reach its final destination?
- Add brackets to this number sentence. $9 \times 3 - 18 \div 2 = 18$
- How many pens are there altogether?
- $9 + 8 + 4 =$
- Penelope, the perfume queen, has 12 x 50 mL and 7 x 25 mL of perfume. How many mL of fragrance does she have?

MY SCORE

THURSDAY

- $\frac{3}{100} + \frac{2}{10} = 0.$
- If $4 \times b = 36$, then $b =$
- What is the size of this angle?
- 25% of 800 is _____
- One decade = _____ years
- If a race car's second track time of 8.01 seconds is 0.3 seconds slower than its first, what was the original time?
- $12 \times 9 = 3 \times$
- Is 621 divisible by 9? yes no
- An electrician's invoice showed the following:
Labour cost \$80
Light fitting \$20
GST @ 10%
(a) What is the GST cost?
(b) What is the total cost for the customer?
- On a plan, how many centimetres long will a wall be if its actual length is 12 m and the scale is 1:100?
- How many 50c coins make up \$15.00?
- $12 \div 3 = 24 \div$
- $4\frac{8}{10} + 7\frac{1}{10} =$
- Draw the pentagon's diagonals. How many are there?
- $0.3 + 0.09 + 0.004 =$
- $2 - 0.09 =$
- $81 \times \frac{1}{9} =$
- Share \$40.00 equally among 16 people. _____ each
- $71.69 \div 10 =$
- A regular octagon has a perimeter of 40 cm. What is the length of one side?

MY SCORE

Week 5

Day 1

Day 2

- $\sqrt{100} = \underline{\hspace{2cm}}$
- $0.2 + 0.7 = \underline{\hspace{2cm}}$
- $0.2 - 0.7 = \underline{\hspace{2cm}}$
- $0.2 \times 0.7 = \underline{\hspace{2cm}}$
- $0.2 \div 0.7 = \underline{\hspace{2cm}}$
- Seventy tickets at \$80 each costs $\underline{\hspace{2cm}}$
- 150% of \$40 = $\underline{\hspace{2cm}}$
- $(-7) - (-5) = \underline{\hspace{2cm}}$
- Find 25% of \$99. $\underline{\hspace{2cm}}$
- How many faces on a square-based pyramid? $\underline{\hspace{2cm}}$
- What comes next in this pattern?
1.25, 2.50, 3.75, $\underline{\hspace{2cm}}$
- Convert 10 minutes past three (pm) to 24-hour time. $\underline{\hspace{2cm}}$
- In a class of 24, the ratio of girls to boys is 3:5. How many girls are there?
 $\underline{\hspace{2cm}}$
- Eight more than d is $\underline{\hspace{2cm}}$
- Since 250 g is 1 cup, how many cups are in 1 kilogram? $\underline{\hspace{2cm}}$
- $\frac{5}{8} - \frac{1}{8} = \underline{\hspace{2cm}}$
- A one-kilogram packet of skim milk powder costs \$6.40.
Find the cost of 250 g. $\underline{\hspace{2cm}}$
- Since 250 g is 1 cup, how many cups are there in the packet of skim milk in Question 17?
 $\underline{\hspace{2cm}}$
- Find the cost per litre (\$ per L) of skim milk if 250 g of powder makes up one litre of milk. (See above.)
 $\underline{\hspace{2cm}}$
- On a compass, what is the smaller angle size from south to east?
 $\underline{\hspace{2cm}}$

- $10^2 = \underline{\hspace{2cm}}$
- $0.2 + 0.8 = \underline{\hspace{2cm}}$
- $0.2 - 0.8 = \underline{\hspace{2cm}}$
- $0.2 \times 0.8 = \underline{\hspace{2cm}}$
- $0.2 \div 0.8 = \underline{\hspace{2cm}}$
- Seventy tickets at \$90 each costs $\underline{\hspace{2cm}}$
- 200% of \$35 = $\underline{\hspace{2cm}}$
- $(-3) - (-4) = \underline{\hspace{2cm}}$
- Find 90% of \$400. $\underline{\hspace{2cm}}$
- How many faces on a pentagonal pyramid? $\underline{\hspace{2cm}}$
- What comes next in this pattern?
0.7, 1.4, 2.1, $\underline{\hspace{2cm}}$
- How much does it cost to fill a 50-L petrol tank at \$1.25 per litre? $\underline{\hspace{2cm}}$
- In a class of 24, the ratio of girls to boys is 1:1. How many girls are there?
 $\underline{\hspace{2cm}}$
- $7 \times 8b = \underline{\hspace{2cm}}$
- What is the ratio of water to cordial in 5 cups of fruit drink where one cup is water and the rest is cordial?
 $\underline{\hspace{2cm}}$
- $\frac{7}{8} - \frac{1}{8} = \underline{\hspace{2cm}}$
- Since 250 g is 1 cup, how many cups are in three kilograms? $\underline{\hspace{2cm}}$
- If 1 litre of fresh milk costs \$2.10, how much is saved by buying a 1 kg packet of milk powder at \$6.40? (250 g of powder = 1 litre of milk)
 $\underline{\hspace{2cm}}$
- If the letters G, A, E, M, E and R are put in a bag, what chance is there of selecting E?
 $\underline{\hspace{2cm}}$
- On a compass, what is the angle size from east to west? $\underline{\hspace{2cm}}$

Score:

/20

%

Score:

/20

%

Week 5

Day 3

1. $\sqrt{121} =$ _____
2. $0.2 + 0.9 =$ _____
3. $0.2 - 0.9 =$ _____
4. $0.2 \times 0.9 =$ _____
5. $0.2 \div 0.9 =$ _____
6. Fifty tickets at \$40 each cost _____.
7. 110% of \$100 = _____
8. Find 95% of \$350. _____
9. If three dice are rolled, what **chance** is there of throwing a **total** of 3? _____
10. An example of a **spheroid-shaped** object you might see everyday is _____.
11. How many **days** are there in **winter**? _____
12. How much will it **cost** to fill a 50-L petrol tank at \$1.30 per litre? _____
13. The **ratio** of cordial to water is 1:5. In order to make 12 litres of drink, how much water is needed?

14. Seven more than $e =$ _____
15. What is the length of **time** passed from 3.45 pm to 10 pm?

16. $\frac{7}{8} - \frac{3}{8} =$ _____
17. The **sum** of the **areas** of all faces of any 3-D object is the _____ of the object.
18. On a compass, what is the **angle size** from **north** to **south**?

19. If the letters N, A, R, D, B, A and R are placed in a hat, what **chance** is there of selecting an R or an A?

20. 10% of 700 000 = _____

Day 4

1. $11^2 =$ _____
2. $0.2 + 1.0 =$ _____
3. $0.2 - 1.0 =$ _____
4. $0.2 \times 1 =$ _____
5. $0.2 \div 1 =$ _____
6. Sixty tickets at \$60 each cost _____.
7. 110% of \$200 = _____
8. Find 110% of \$45. _____
9. If three dice are rolled, what **chance** is there of throwing a **total** of 18? _____
10. An example of an **cylinder-shaped** object you might see everyday is _____.
11. How many **days** are there in **autumn**? _____
12. How much will it **cost** to fill a 50-L petrol tank at \$1.33 per litre? _____
13. The **ratio** of cordial to water is 1:5. In order to make 24 litres of drink, how much cordial is needed?

14. Five fewer than $6y =$ _____
15. What is the length of **time** passed from 7.30 am to 4.30 pm?

16. $\frac{7}{8} - \frac{1}{4} =$ _____
17. Any angle smaller than 90° is called an _____ angle.
18. On a compass, what is the smaller **angle size** from **north** to **west**?

19. What **chance** is there of rolling a **total** of 2 with two dice? _____
20. 10% of 7 000 000 = _____

Score: /20

%

Score: /20

%