




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
- A
- 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
- $16 \div 4 = 4$
- $+$
- 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
- $15 \div 3 = 5$
- (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
- $3 + 3 + 3 + 3 + 3 = 15$
- $3 \times 4 = 12$
- 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
- $8 + 8 + 8 = 24$
- $6 \times 3 = 18$
- 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 \times 1, \2×6

FRIDAY REVIEW

- $9 + 9 + 9 = 27$
- 9
- 0
- 8, 10
- 24
- 13, 130
- \div
- 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
- $3 + 3 + 3 + 3 = 12$
- $3 \times 7 = 21$
- 91
- 1012
- 8
- 52
- 24
- (a) 13 (b) 23
- 20
- 6
- square
- $2 \times 300 = 600$
- 40
- 100
- 8
- 2


TUESDAY

- 12
- $8 + 8 + 8 = 24$
- 75
- (a) 31 (b) 131
- 105
- 70
- (a) 14 (b) 140
- 48
- 6
- $18 \div 3 = 6$
- (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
- $9 \times 3 = 27$
- 12
- $\frac{1}{2}$
- 12
- (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


23. 





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. 5
 12. $\frac{4}{10}$
 13. June, July, August
 14. 60
 15. vertical
 16. 2
 17. sphere



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

- clockwise
- 32
- 
- 40
- 36
- June
- 31
- (a) 110 (b) 1100
- \times
- 5
- $\frac{2}{3}, 1\frac{1}{3}, 2\frac{1}{3}$
- \$16
- 7
- 5
- Yomo, Tamo
- Zea, Zoe, Zia, Zae

TUESDAY



- 1.45
- 18, 18, 6
- 
- 110
- 28
- 4
- 1220
- A, C
- 130
- 8
- 3, 30
- March, April, May
- \times
- 0.6
- Teacher check
- 976
- 76
- 38
- 10
- (a) 10 (b) 100 (c) 1000

WEDNESDAY

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



THURSDAY

- sphere
- 32, 32
- 10c
- 100

- 16
- 
- \$1
- 1010
- 1000
- 2
- 200
- 9
- morning
- 
- 4
- unicorn
- camel
- hyena
- 52
- (a) 22 (b) 30

PROBLEM-SOLVING

Monday

- 
- 

Tuesday

- 32
- 48


Wednesday

- 5 kg
- 7 kg

Thursday

- 14
- 12


FRIDAY REVIEW

- 36
- 100
- 34
- 400
- 140, 1400
- 15
- 88
- \$1
- 1040
- 150
- 15
- 80
- 1109
- 87
- 0.7
- 4.45
- Wednesday
- 10
- 16
- $\checkmark, \times, \checkmark$
- 31
- 
- Ema, Oma, Ama, Mila
- Hugo, Amy
- Ema, Oma, Ama, Fini, Vini

WEEK 7 – pages 20–22

MONDAY

- 9.15
- 31
- C and D
- 4, 40

- 10
- 36
- 1 in 6
- 1200
- 990
- 10
- 130
- 75
- 
- 88
- 12
- 160
- 137
- 600
- 2000, 2010
- highly unlikely

TUESDAY

- 7.45
- 100
- 

- 20
- $7 \times 2, 2 \times 10, 5 \times 5, 3 \times 9$
- 21
- 90c
- 100
- 4, 4
- B
- even
- 1200
- cylinder
- 85 mins, $1\frac{1}{2}$ hrs, 117 mins, 2 hrs
- 32, 5
- \$10.20
- 48
- 300
- $9 + 9 = 18$
- 200

WEDNESDAY

- 12.45
- 2
- 15
- $1\frac{1}{2}, 2\frac{1}{2}$
- 31
- September, October, November
- 100
- 0.9
- 65
- 200
- 8
- 120
- square
- 30
- am
- 16–18. Teacher check
- 2nd row, 2nd from left
- front, 1st

THURSDAY

- 3.00
- 10
- 5
- 14

- octagon
- $2\frac{1}{2}$
- even
- 30 minutes
- (a) $\frac{1}{5}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{2}$
- cube
- 50
- 444
- 14, 140
- (a) 20 g (b) 3
- \$6.50
- 24
- 30
- 200
- $8 + 8 + 8 = 24$
- 1100

PROBLEM-SOLVING

Monday

- 2000
- Mosman

Tuesday

- 1–2. Teacher check


Wednesday

- 7
- 12

Thursday

- 7.15
- 9, 6

FRIDAY REVIEW

- 21
- 1100
- 0.6
- (a) 16 (b) 160
- 1999
- odd
- 120
- 180
- 280
- 500
- \$3.50
- 5
- 8.15
- vertically
- 
- 6
- 1
- pm
- 30
- 4
- cylinder
- September, October, November
- emu
- wombat and koala or wombat and emu
- 24


WEEK 8 – pages 23–25

MONDAY

- 6
- 16
- 80
- (a) 26 (b) 6
- 31
- 7, 7

- 6
- $30 \div 5 = 6$
- 400 m
- pm
- afternoon
- $4\frac{1}{2}$
- 12
- 38
- 32
- 105
- 4
- 5
- 140
- $3\frac{1}{2}$

TUESDAY

- A
- 2
- 99
- (a) even (b) odd
- \$3.50
- Teacher check
- $\frac{2}{4}$
- column
- 90
- 700
- 1400
- 200
- (a) 5 (b) 25
- 800
- (a) odd (b) even
- 14
- 52
- 5
- horizontal
- 


WEDNESDAY

- 4
- (a) 2 (b) 2
- kilogram
- 1000
- 150
- 8
- 1 m
- 30
- gram
- 12, 16, 20, 24, 28
- $\frac{1}{3}$
- cone
- 27
- 8753
- 1300
- $1\frac{1}{2}$
- 100
- \$8.50
- odd, 2234, 3263, 2033
Final answer = 2233
- 0.4

THURSDAY

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

NEW WAVE MENTAL MATHS (BOOK D) – ANSWERS

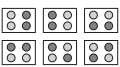
- 24
- 160
- 120
- 22, 33, 44, 55
- 10 765
- litres
- 
- $\frac{1}{4}, \frac{3}{4}$
- 20
- 4
- anticlockwise
- 6
- 31

PROBLEM-SOLVING

Monday

1.



2. 

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

- 130
- \$3.50
- 4763
- 292
- $\frac{1}{2}, \frac{3}{4}$
- 1200
- 5, 10, 15, 20, 25, 30, 35
- 800
- 1000
- 800
- (a) 51 (b) odd
- $2\frac{1}{2}$
- 120
- 1200
- 35
- 15
- 2.05
- 1 m
- Tuesday, clock B
- cone
- 
- 30
- 400
- clockwise
- Teacher check

WEEK 9 – pages 26–28

MONDAY

- (a) Sydney (b) Adelaide
- 12.05
- 24
- no
- am
- $\frac{1}{6}$
- 3 in 4
- $\frac{1}{2}$ turn
- 13, 130
- $3000 + 90 + 6$
- 3000
- (a) 16 (b) even
- 1 km
- 70
- $18 \div 3 = 6, 6$
- 2000, 2005, 2010
- \div
- 230
- 1900
- 140

TUESDAY

- Teacher check, 1.05
- 140
- 45, odd
- 70c
- 12 408
- 398
- pentagon
- $5000 + 100 + 90$
- summer
- 31
- $\frac{1}{4}$ of an hour, $\frac{1}{2}$ an hour, 60 min
- $>, =, <$
- 10
- 38
- 27
- 11 000
- 9600
- 46
- 6
- 8.09 am

WEDNESDAY

- A
- 3, 3
- 200
- 20 km/h
- 366
- 200 m
- (a) 50 (b) even
- $7000 + 30 + 8$
- evening
- 10
- $\frac{1}{10}$
- circle
- $1 \times 1 = 1$
- 40c
- Ben and Dan
- 11
- 27, 3
- 1000
- 5, 50
- 19

THURSDAY

1.



- 40
- 250 m
- 4
- 54, + 5
- $\frac{1}{4}$
- hexagon
- 1120
- kilogram
- \$9
- 3, 17
- yes
- vertical
- B
- 30 624
- 52
- (a) 9 (b) odd
- litres
- 52
- 3

PROBLEM-SOLVING

Monday

- 20
 - 25 g
- Tuesday
- 4
 - 100 km/h
- Wednesday

- 9 and 7
- 12

Thursday

- 10 and 7 or 12 and 5
- 8



FRIDAY REVIEW

- 190
- 100
- 28 607
- $\frac{3}{4}$
- (a) 70 (b) even
- $300 + 10 + 8$
- 50 L
- 5000, 5005
- 593
- \div
- 1000
- 180
- 8, 32
- 300
- \$7
- $35 \div 7 = 5$
- A
- pentagon
- 1 cm
- 365
- autumn
- Teacher check
- litres
- 1 kg
- equally likely to be a head or tail.

WEEK 10 – pages 29–31

MONDAY



- 7.45
- 0.7
- (a) 8 (b) 80

- 791
- 
- $\frac{1}{2}$
- C
- 392
- 9
- 1100
- 3, 18
- 14
- 
- 14 min, $\frac{1}{4}$ of an hour, 21 min, $\frac{1}{2}$ an hour, $\frac{3}{4}$ of an hour
- 140
- 85
- (a) 9999 (b) 9990
- $\$5 \times 9 = \45
- 8
- 10 kg

TUESDAY


- 5.30
- $4 \times 3 = 12$
- (a) 70 (b) 700
- octagon
- 16
- kilogram
- (a) 20 (b) 120
- 16, 4
- 32
- 12
- 25
- (a) 70 (b) 700
- A and D
- 50c
- triangle
- clockwise
- 31
- 1100, 1102, 1104
- 1 cm
- (a) 9 (b) odd

WEDNESDAY

- 9.30
- 87
- 400
- 64 980
- 70
- 68
- 
- 1000
- You teacher being taller than you.
- 891
- (a)  (b) pentagon
- 130
- 1
- 3, 21
- \$1.50
- 81
- $\frac{1}{4}, \frac{3}{4}, 1\frac{1}{4}$
- 75
- 60 km/h
- (a) There (b) 90


THURSDAY


- 3.05
- 156
- 10 899
- 185

- odd
- 
- summer
- 10
- (a) 70 (b) 170
- 45
- 40
- 7
- $21 \div 3 = 7$
- 77
- trapezium
- C
- 52
- 9099, 9100, 9101
- 24 cm
- $4 \times 9 = 36$

PROBLEM-SOLVING

Monday

- 

- 

Tuesday

- 30 and 20
- 18



Wednesday

- 10
- 50 km/h

Thursday


- 250 mL
- 8 and 4

FRIDAY REVIEW

- 800
- $\frac{1}{4}$
- 45
- 130
- 8
- $32 \div 4 = 8$
- 1300
- 196
- 30
- 1000
- 4, 4
- 128
- 12
- 1050
- 88
- (a) 893 (b) odd
- 9999, 10 000, 10 001
- 12.30
- evening
- autumn
- 
- 10
- 
- Teacher check
- A dog chasing the school gardener.

WEEK 11 – pages 32–34


MONDAY

- 11.10
- \$100
- 15
- 10; 1000, 100, 10
- triangular prism
- 10
- 



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

	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.

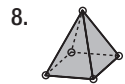
WEEK 14 – pages 41–43

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
 1. 4
 2. 40
 Wednesday
 1. 5
 2. 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

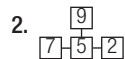
1. 1.50
 2. 1000 m
 3. 10, 2113
 4. 267
 5. $4 \times 7 = 28$ or $7 \times 4 = 28$; $28 \div 7 = 4$ or $28 \div 4 = 7$
 6. 10
 7. 8 cm
 8. 56
 9. C
 10. seventh
 11. $\checkmark, \times, \checkmark$
 12. 1000 mm
 13. anticlockwise
 14. 23
 15. 200
 16. 18
 17. $\frac{2}{3}, 1\frac{1}{3}, 2\frac{1}{3}$
 18. (a) odd (b) 1
 19.
 20. 55c

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. $\frac{1}{4}, \frac{1}{3}, \frac{2}{3}, \frac{3}{4}$
 19. 5
 20. 0.6

PROBLEM-SOLVING

Monday



Tuesday

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

2. 6 and 9
 Thursday
 1. 90
 2. 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. $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
 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

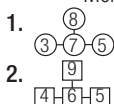
4. 100 secs
5. 1000 cm
6. 
7. 90
8. 80
9. Teacher check
10. 11
11. 500 m
12. \$3.50
13. 
14. 21
15. 39
16. 40
17. south-east
18. 1000 m
19. 200
20. C

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

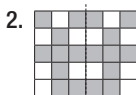
PROBLEM-SOLVING

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

- an irregular
- $\frac{9}{100}$, 100
- 8.45
- 20 m
- 500
- 31
- yes
- 1 out of 6

THURSDAY

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

PROBLEM-SOLVING

Monday

- 5
- 9

Tuesday

- 30
- 150

Wednesday

- Teacher check
- \$6000

Thursday

- Teacher check
- 6

FRIDAY REVIEW

- 350
- $\frac{1}{6}, \frac{1}{5}, \frac{1}{3}, \frac{1}{2}$
- $\frac{8}{10}$
- 12 007
- 81, 81
- 3500, 1000
- 2800
- 86
- 7
- 100
- 32 r 1
- \$2
- 1000 kg
- 6
- 26 cm
-
- Teacher check
- 3
- yes
- 12
- What Ave
- Where Rd
- 3, 2, 1
- blue

- yellow

WEEK 22 – pages 65–67

MONDAY

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

TUESDAY

- 8.55
- 112
- \$10
- 3
- 7.35
- 150
- 3000
-
- \$3.50
- 207, 204
-

- \$50, \$5

- 1 in 6
- 170
- 365
- 400
- 970
- 6.5 m or 650 cm
- 6
- true

WEDNESDAY

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

$$36 \div 4 = 9$$

$$\text{or } 36 \div 9 = 4$$

- certain
- 88
- 1006
- true
- \$10
- $4\frac{1}{2}$
- 6

THURSDAY

- 4.55
- odd
- 7500 mL
- 14
- Dec -1, Sep -2, May -3, Feb -4
- 10
- true
- Teacher check
- no
- $8\frac{1}{2}$
- 27
- 32
-
- 2, 4, 6
- \$4
- 11
- 1110
- $8800 + 85$
- 68
- 2 in 6 or 1 in 3

PROBLEM-SOLVING

Monday

- 55
- 15

Tuesday

- 1 cup and $\frac{1}{2}$ cup
- $\frac{1}{2}$ cup and $\frac{1}{4}$ cup

Wednesday

- Liam
- 0.4

Thursday

- 3 and 6
- 6 and 4

FRIDAY REVIEW

- 3, 9
- 1007
- 12 r 1
- 8
- 9
- 240
- \$5
- $600 + 30 + 7$
- Teacher check colouring, $A = \frac{3}{8}, B = \frac{2}{4}$
- 82
- 360
- $3051 + 220 = 3271$
- 40
- 1
- 35
- 9, 6
- no
- 2.5 L, 2500 mL
- 28 L
- (a) D, 4 (b) E, 3

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

-

-

- 4

-

- Answers will vary.

WEEK 23 – pages 68–70

MONDAY

- 2.40
- 890
- 7
- $\frac{2}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}$
- A
- 9000
- 50
- $0.7 = \frac{7}{10}$
- 25 mm
- 2, 5
- 9500 mL
- 10 000, 400
- 40
- 41
- 16
- an equilateral
- true
- 17 km
- 2 km
- Eagle Farm

TUESDAY

- \$200, \$120, \$320
- no
- 2, 4
- 7.55
- 4
- 490
- (a) 6 (b) even
-
- 320
- 1300
- 121
- 36
- 1990, 2090, 2490
- 550 cm
- thirds
- \$170
-
- 370
- 9
- Teacher check dots, 6

WEDNESDAY

- 4
- 7
- 90
- 1.5 cm or $1\frac{1}{2}$ cm
- 206
- 5
- 60
- tenth
- $\$3.50 + \$3.50 + \$3.50 = \10.50
- 1009
- 25 kg
- 88
- $0.8 = \frac{8}{10}$

-

- Teacher check
- 907
- 21
- 9, 12, 6
- 2, 4, 12, 10, 6
- 4, 12

THURSDAY

- 7, 6.40
- 45 mm
-
- 300
- 1944, 2054
- 60
- 4
- 366
- a scalene
- 271
- 50 g and 100 g
- 480
- (a) 0.3 (b) 0.03
-
- 7
- \$16.80
- February
- x
-
- 8

PROBLEM-SOLVING

Monday

- Teacher check
- \$120 000

Tuesday

- Week 4
- \$3

Wednesday

- Week 3
- \$0.25 or 25c

Thursday

- 32
- $6 \times 3 = 18$

FRIDAY REVIEW

- 2, 4, 8
- 4
- 56
- 1509
- quarters
- 15
- (a) 12 (b) 12 000
- (a) 55 (b) 550
- 8
- 0.4
- 183
- true
- 60
- 24
- \$10.30
- 11, 13, 15, 17
- 8
- an isosceles
- 2500 g
- yes
- 14 kg
- 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

- \$6
- \$1.90

Tuesday

- 3 in 4
- 12 hours



Wednesday

- 12 hours 35 minutes
- 5 hours 30 minutes

Thursday



- B
- B

FRIDAY REVIEW

- 60
- (a) 2577 (b) 3031
- 1.0
- 0.5
- 24
- 3, 9
- 4.8
- 1700
- $\frac{1}{3}$
- \$1
- 10
- $8 \times 4 = 32$
- 100
- 6
- 2
- 3000 mm
- 30
- Monday
- 
- south-east
- 6th
- 6 cm
- hexagon
- 5.00
- 

WEEK 27 – pages 80–82

MONDAY

- 
- 25
- 4
- 8
- 1
- (a) 63 (b) 6.3
- 100
- \$5.20
- 0.7
- 2, 7
- spring
- false
- 1000
- 
- 4, 48
- 600
- \$42
- 8
- +
- A

TUESDAY

- 0
- 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
- 0.89
- no
- 250
- 
- $100\,000 + 10\,000 + 1000 + 300 + 30 + 3$
- Teacher check
- obtuse
- 75
- 65
- 9907
- 4.5
- 4.4
- rectangular prism
- 50 050
- 700
- 30
- \div
- 1500

THURSDAY

- 11.50
- 
- true
- 2.3
- \$360
- $\frac{1}{7}$
- 
- 10
- 50
- rectangle
- 3 April
- 100
- 40
- 4
- 30 033
- 
- 43 km
- 24
- 28
- 1.0

PROBLEM-SOLVING

Monday

- 3 in 4
- 3 in 4

Tuesday

1. C

2. B

Wednesday

1. 8


2. 8

Thursday

1. A

2. B

FRIDAY REVIEW

- 1006
- 1.0
- $24 = 4$
- \$4.80
- $100 + 24 = 124$
- 160
- 50
- 10
- 3, 7
- 21
- 11
- 1500
- 1.0
- 9909
- \times
- 800
- 1800
- 2
- yes
- 9500 m
- north-west
- circle
- 
- cylinder
- 1 in 4

WEEK 28 – pages 83–85

MONDAY

- 12.35
- $3000\text{ mL} + 500\text{ mL} = 3500\text{ mL}$
- 0.2
- 50
- 35 mm
- (a) 44 (b) even
- 8, 16, 24, 32, 40, 48
- 190
- 36
- \$1.50
- 14
- 2, 3
- 12 087
- 8.1
- Teacher check
- 90
- 19.9
- 202, 2242
- 5
- 3.1

TUESDAY

- $\frac{1}{8}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
- 21
- Friday
- 10
- 60
- 2500 m
- 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

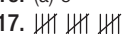

17. 11

18. 49

19. (a) 6 cm (b) 32 cm

20. \$1

WEDNESDAY

- 1.7
- 50
- $\frac{6}{8}$
- 76
- 3
- 24
- (a) B, 3 (b) H, 1 (c) E, 7
- 40 cm
- 27
- false
- Teacher check; 12 L
- 71
- \div
- 5
- 510
- (a) 6 (b) 4
- 
- (a) triangular prism (b) Teacher check
- 
- \$6.70

THURSDAY

- 4
- 100
- 3500 kg
- parallel
- true
- 90°
- 8, 24
- 1170
- July
- AA
- 360
- 900
- 4
- $600 + 7 + 90$
- 3 r 1
- \times, \div
- 0.4
- 701
- 3
- more

PROBLEM-SOLVING

Monday

- 80
- | | | |
|---------|---------|-------|
| blue | red | green |
| slowest | fastest | |

Tuesday

- | | | |
|----------|----------|-------|
| red | blue | green |
| lightest | heaviest | |
- | |
|-------|
| ⑦ |
| ③-⑤-④ |

Wednesday

- rectangle
- rectangle, triangle

Thursday

- 200 cm
- 60 cm

FRIDAY REVIEW

- 0.8
- 5, 500
- 2022
- $7 + 800 + 30$
- 0.9
- $\frac{4}{6}$
- 53
- 650
- 3.9
- 27
- 1111, 2361
- 900
- 600
- 74
- 5
- false
- octagon
- 4
- A
- August
- parallelogram
- $X = 3\text{ cm}$
- $P = 28\text{ cm}$
- 4
- more

WEEK 29 – pages 86–88



MONDAY

- Teacher check
- 16
- $\frac{1}{4}$
- (a) right (b) east
- Wednesday
- 4.0
- (a) 28 (b) even
- (a) 36 (b) even
- 4
- \$18.80
- 3 m
- 1
- 6.0
- (a) 1 cm (b) 18 cm
- 130, 13 000
- 5
- 7
- 28
- 2800
- Teacher check; 4 red, 8 blue

TUESDAY

- 28, 4
- B
- 25
- 72
- 1111, 1402
- 2100
- 31
- Wednesday
- 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


- Teacher check
- \$7
- true
- 130
- 5.8
- 5
-
- 10
- triangle and rectangle
- 18 months
- 15 000
- 4
- $3\frac{1}{2}$
- 354
- $70 + 42 = 112$
- 1 June
- 107, 117
- 30 km
- 8×2
- $\frac{3}{4}$

THURSDAY

- 10
- 2.0
- 3D
- Teacher check
- 500
- 120
- 0.71
- 234
- 3 cm, 30 mm
- 6
- 81 001
- 6 km
- \$20, \$50, \$5
- 
- 2100
- rhombus
- 20
- 4 m
- $\frac{1}{4}$
- $\frac{3}{4}$

PROBLEM-SOLVING

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




2. 
 Thursday
 1. Teacher check
 2. Teacher check

FRIDAY REVIEW

- \times
- 37 007
- (a) 713 (b) 911
- 93 003
- 8.0
- odd
- 40
- true
- 174
- (a) 5 (b) 25
- 77
- 210
- 0.5 m
- 1.05
- 4
- 5 cm
- October
- 3
- 35 km
- 3D
- 7
- NE
- $\frac{1}{4}$
- 200 cm
- more

WEEK 30 – pages 89–91

MONDAY


- $1, 1\frac{2}{4}, 2$
- $40 + 10$
- 8, 1, 3, 0
- 28, 4
- 499
- 12
- 406
- 29 February
- $3 \div 100 = 0.3$
- 800
- 6 cm
- 27
- 23
- 
- 
- 5
- 1.2
- false
- 29.8
- 

TUESDAY


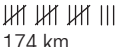

- 19
- 365
- A
- 10 years
- $\frac{8}{100} = 0.08$
- 240
- 3D
- 40
- 14
- 3, 5

- (a) 12 (b) 60
(c) 120 (d) 200
- 7.0
- 0.6
- 680
- 3×5
- 10
- 34
- $\frac{1}{2}$
- Teacher check
- 1.0

WEDNESDAY


- 7.35
- $\frac{2}{100} = 0.02$
- 7
- 2600
- twelve
- 360
- 7.0
- have a likely chance
- 11.10
- (a) 2585 (b) 1956
- 106
- 32
- 67.5
- 12
- Teacher check
colouring; $\frac{1}{4}, \frac{2}{6}, \frac{3}{8}, \frac{3}{6}$
- 
- $\times, \div, 6$
- 1400
- Pour B twice and A once into C.

THURSDAY



- 23
- 25
- 20
- Teacher check
- 4500 kg
- 
- 375
- (a) 8 cm^2 (b) 1 cm^2
- 
- 174 km
- 2.3
- \$2
- 6
- 3
- odd
- $12 \div 100 = 0.12$
- 
- 1.0
- \$1.55
- 2337

PROBLEM-SOLVING

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

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






FRIDAY REVIEW


- 10
- 400
- 
- even
- 38
- 11.7
- 500
- (a) \$15 (b) \$30 (c) \$30
- 2700
- 55c
- 175
- $7 \div 100 = 0.07$
- 41 400
- 49.2
- 175 mL
- A
- afternoon
- 12
- 36
- 8.50
- rectangle
- Teacher check;
answers include
September, October,
November
- Pour A twice into C,
then pour C into an
empty B.
- 
- impossible

WEEK 31 – pages 92–94

MONDAY

- Tuesday
- odd
- 0.9
- (a) 1 gram (b) 10
- 8
- 29
- 7
- 84 310
- 1000
- (a) 100 (b) 1000
- 30
- $\frac{2}{3}$
- 30
- true
- 2 km
- 100
17.

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



- 5005
- 

TUESDAY

- 4.35
- 15
- 150 mL

- 20
- 39
- square and triangle
- (a) 205 (b) 369 (c) 287
- 0.5
- 52
- 3.6
- 140 cm
- $400 + 600 = 1000$
- $\frac{2}{4}$
- Teacher check,
3 strawberries
- $\times 5$
- $\frac{1}{10}$
- $C = A + B$
- 9
- $\frac{10}{10}$
- B

WEDNESDAY

- Sunday
- 500
- 32
- $\times 3$
- 1000 g
- 100 kg
- 17
- 110
- 10
- (a) 15 (b) odd
- $\frac{24}{100}$
- Teacher check
- (a) 88 (b) 176
- 34
- 1 in 6
- 6
- pentagonal pyramid
- 
- 
- Teacher check,
108 blue, 105 yellow,
107 green

THURSDAY

- 55 km
- $25 + 17 = 42$
- \$2.80
- 12 pm
- 260 cm
- 150
- 5
- C
- \$12
- true
- 30 km
- 2500
- $\times 4$
- 1100
- C
- (a) 1483 (b) 1348
- 36
- 800
- 6.30 or half past 6
- $18 \div 100 = 0.18$

PROBLEM-SOLVING

- Monday
- 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

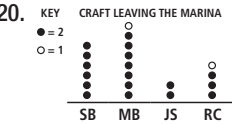
1. 1.7
2. (a) 24 496 (b) 30 862
3. 4
4. 500 m
5. 31
6. A and D
7. Teacher check
8. 12, 72
9. $\frac{17}{3}, 5\frac{2}{3}$

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. $\frac{2}{3}, 1\frac{1}{3}, 2\frac{1}{3}$
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. **M**
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) 100
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. **E**
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. $\frac{11}{2}$
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. $\frac{9}{2}, \frac{4}{6}$
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. **d**
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. **S**
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
1. Teacher check
2. 190 mm
- Thursday
1. 40 g
2. 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 cm^2 (c) 6 cm^2
- (a) 2 cm^2
(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
- 
- ×
- 10 000
- (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
1. 40
2. 0.5 or $\frac{1}{2}$ second
- Thursday
1. 6
2. 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

- $2\frac{1}{8}$
- $\frac{7}{100} = 0.07$
- 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