


NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

WEEK 1 – pages 2–3


MONDAY

1. 1.15
2. 27
3. 2
4. 
5. \$1.50
6. 625
7. 100
8. true
9. $(50 \times 9) - (1 \times 9)$
10. 100
11. A
12. 10 010
13. 50
14. 1200
15. 5
16. 84, 78
17. cone
18. pm
19. 57
20. winter



TUESDAY

1. 39, 42, 45, 48
2. 3
3. spring
4. 163
5. 24
6. 1200
7. \$2.10
8. 1991
9. 13–19 km/h \$150
10. 101 000
11. 630
12. 621
13. 10
14. $27 \div 3$
15. parallelogram
16. true
17. 9
18. 32, 16
19. no
20. 1000

WEDNESDAY

1. 4.15
2. 60c
3. 3
4. 03, 3
5. 
6. $40 \div 4$
7. 180
8. 2
9. \div
10. 1000
11. 24
12. Teacher check
13. 1600
14. 24
15. 240
16. 8
17. isosceles triangles
18. false
19. 1000
20. 16

THURSDAY

1. 19
2. 
3. 3
4. 40
5. -2, -1
6. 1650
7. 350
8. 4.30
9. $\frac{1}{4}$
10. octagon, decagon
11. 100
12. 27
13. 270
14. \$4.55
15. Teacher check
16. Teacher check, 15
17. autumn
18. 0.5
19. 
20. false

PROBLEM-SOLVING

Monday

1. 2
2. 8

Tuesday

1. 21
2. 36



Wednesday

1. 12
2. 7

Thursday

1. 150
2. 850


FRIDAY REVIEW

1. 72
2. 210
3. 7
4. \$1.60
5. 0.25
6. 75
7. 40.6
8. 37
9. 1400
10. -8
11. 20–29 km/h \$300
12. 3
13. $36 \div 4$
14. 987
15. 82.4
16. 17
17. 340
18. 6.15
19. 
20. winter
21. 1000
22. 3
23. Y
24. am
25. 



WEEK 2 – pages 4–5

MONDAY


1. 6.20
2. 7
3. 1100

4. 21
5. 36
6. \$8.75
7. 111 110
8. 10
9. 
10. 8, 1
11. 4500
12. false
13. 4.87
14. 64
15. 240, 280, 320, 360
16. summer
17. trapezium
18. 90 780
19. 0.25
20. 1200

TUESDAY

1. 210, 240, 270, 300
2. 52
3. 32
4. 965
5. 9500
6. 100 011
7. \$2.70
8. 
9. 810
10. 801
11. 10, 3
12. 50
13. 9
14. 600
15. rhombus
16. true
17. 
18. 20.9
19. 565
20. 1800

WEDNESDAY

1. 8.20
2. 3200
3. 7
4. 10 000
5. 310 000
6. 6
7. 1250
8. 9
9. $\frac{2}{3}$
10. 
11. even
12. reflection
13. 4
14. 3.0
15. 7, 3
16. 240
17. false
18. 3, 5, 2, 17
19. winter
20. 845

THURSDAY

1. 7.25
2. 24
3. 93.7
4. 3, 4, 2, 14
5. summer


6. 20
7. 5
8. 2 in 6, $\frac{2}{6}$ or $\frac{1}{3}$
9. 500 000
10. C, A, B
11. 64
12. odd
13. 7
14. 4
15. 1000
16. 139
17. 180
18. 171
19. 9, 4
20. 20 000

PROBLEM-SOLVING

Monday

1. 90
2. 30

Tuesday

1. 


Wednesday

1. 8
2. \$320

Thursday

1. 250
2. 240


FRIDAY REVIEW

1. 15
2. 0.5
3. 441
4. 1
5. 4.13
6. 705
7. 4.0
8. 450
9. false
10. 45
11. 2, 4, 3, 11
12. 7, 2
13. 240
14. 232
15. 210 000
16. even
17. $\frac{4}{5}$
18. 1000
19. 1000
20. 
21. 8
22. parallelogram
23. 5.20
24. rhombus
25. 3 in 6 or 50% or $\frac{1}{2}$ or 0.5


WEEK 3 – pages 6–7

MONDAY

1. 9.45
2. 53
3. 10 008
4. 21–30 km/h \$150
5. 10
6. no

7. 250 000
8. 1.0
9. rectangular based pyramid
10. 
11. 45, 51
12. 5, 2
13. 3986
14. 3, 30
15. true
16. \$180
17. 11 August
18. 7 pm
19. 77
20. $\frac{4}{5}$


TUESDAY

1. 202, 602
2. 73
3. 5 August
4. \times
5. 9
6. 6, 5
7. 13 000
8. 0.25
9. 28 cm
10. 
11. 1 000 000
12. 560
13. 1700
14. 3D
15. 85
16. 1.8, 80
17. 5
18. true
19. maximum temperature over 30° is highly unlikely in winter.




20.

WEDNESDAY

1. 11.45
2. 210
3. 140
4. 114, 118, 122
5. 
6. 6, 2
7. -12
8. 3986
9. 775
10. 9
11. 80
12. $\frac{1}{2}$
13. 0.9
14. even
15. 360
16. 2
17. 28 March
18. $\frac{1}{2}$
19. even
20. 1 am

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

THURSDAY

- 1006, 1010, 1014
- 320
- 3 pm
- 405
- 5
- 4, 5
- $\frac{12}{10} = 1.2 = 1\frac{2}{10}$
- 6.0
- 110
- 1.42
- 7800
- $\frac{3}{8}$
- 400
- 5
- 1.2
- kite, rhombus or parallelogram
- 27 December
- true
- 1000 
- \rightarrow

PROBLEM-SOLVING

Monday

- isosceles triangles
- 540

Tuesday

- 1.30
- 5, 4, 1



Wednesday

- $\frac{8}{20}$ or $\frac{4}{10}$ or $\frac{2}{5}$
- $\frac{7}{20}$

Thursday

- 20 L
- 15

FRIDAY REVIEW

- 4, -2
- 9
- 9, 3
- \times
- $2\frac{3}{4}$
- true
- 3
- 350
- \$11.50
- 6400
- 875
- 250 000
- $\frac{11}{10} = 1\frac{1}{10}$
- 21–25 km/h \$300
- \times
- 1.0
- parallelogram
- 12 am
- 2000
- 42 m
- autumn 
- 1.2 
- \rightarrow
- $\frac{1}{2}$

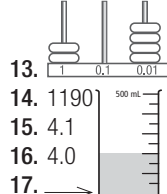
WEEK 4 – pages 8–9

MONDAY

- 2.10
- 120
- $6 \times 6 \times 2 = 72$
- \$65
- 3
- 4, 1
- $\frac{7}{10}$
- 9
- 5–12 km/h \$65
- 0.25 m
- $\frac{2}{5}$
- 1978
- 4, 4, 4, 20
- True
- 17, 19
- 3.1, 3.7
- D
- 4.7
- \$16.20
- 1 November



TUESDAY

- 9.05
- 45
- 1
- 12
- 94
- 5, 5
- $\frac{8}{10}$
- 45, 135, 225
- 5, 1
- 1.2
- false
- 63, 630, 6300




- 1 January
- \$60
- northerly

WEDNESDAY

- 
- 16
- 11
- 15
- 87, 107
- 5, 3, 5.3
- 24
- $4\frac{3}{4}$
- \div
- 2, 7, 3, 17 
- 1000
- 4, -6
- westerly
- 3 December
- D
- 380

- $\frac{3}{6}$ or $\frac{1}{2}$
- 30
- false

THURSDAY

- 6.85, 7.30, 8.09, 8.1, 8.11,
- 40
- 1 August
- 12
- 600 L
- Teacher check
- 6 r 6
- $\frac{4}{10}$ or $\frac{4}{10}$
- $\frac{2}{3}$
- 2008
- 
- true
- 42, 420, 4200
- 6
- 24
- 450, 4, 50
- 3.045
- 98, 998, 9998
- false
- 1.05

PROBLEM-SOLVING

Monday

- 6150
- \$2, 50c, 20c, 20c

Tuesday

- 600
- 0.4


Wednesday

- 300
- 30

Thursday

- 8, 3
- 6, 7

FRIDAY REVIEW

- 8, 5
- odd
- 320
- true
- \$6.50
- 2, 4, 3, 11
- 14
- 997
- $\frac{2}{10}$ or $\frac{1}{5}$
- $3\frac{5}{8}$
- $\frac{3}{10}$
- 226, 271, 316
- 5
- true
- 25
- 7.0
- 8.05
- Z = 2, 3 Y = 5, 3
- North
- triangular pyramid
- pm 
- 270

- 2 January
- $\frac{2}{6}$ or $\frac{1}{3}$

WEEK 5 – pages 10–11

MONDAY

- 3.35
- 550
- triangular
- (2,3), (3,4), (4,5)
- 7
- 2.5
- 0.4
- 75
- 1, 3
- 75
- 24 kL
- true
- 150 km/h
- $1\frac{2}{3}$
- 24
- east
- octagon
- 9
- 6, 8, 240, 288
- 7000

TUESDAY

- 995
- 4614
- 7631
- 250
- 75
- $9 \times 9 = 81$,
 $12 \times 7 = 84$
- $3\frac{1}{2}$
- 29 March
- 91
- triangular, 6
- 55
- 25
- 1998
- 7000
- 6
- 6100
- 150
- 80, 7, 3, 7, 21, 581
- 4 am
- 0.54

WEDNESDAY

- 11.35
- 27 902
- $\frac{5}{9}$
- 10
- 8 November
- 4, 3, 6, 22
- 980, 1000, 1020, 1040, 1060
- parallelogram
- true
- 3046
- 880
- 5
- $\frac{3}{5}$
- 56
- 157 km
- 4, 9, 720, 36, 756

- $4\frac{1}{2}$
- 2900
- 9, 15
- 12.30 am

THURSDAY

- 6.05
- 4015
- 11
- rectangular based pyramid
- 5, 8, 5
- 8, 6
- 0.7
- 5075
- \$199.50
- 150 km/h
- $6 \times 9 = 54$ or $9 \times 6 = 54$
 $54 \div 6 = 9$ or $54 \div 9 = 6$
- 3500
- $\frac{1}{2}, \frac{1}{3}$
- 6, -2
- 8 pm
- 3485
- 0.9
- $\frac{3}{2}$
- 26
- false

PROBLEM-SOLVING

Monday

- C
- A, B, C

Tuesday

- 30, 30, 30
- 720°

Wednesday

- 5
- 1

Thursday

- 20
- 12

FRIDAY REVIEW


- 9
- 21
- $(70 \times 7) + (2 \times 7) = 490 + 14 = 504$
- 0.34
- 5, 5
- 76 501
- 94
- false
- $\frac{5}{2}$
- 95
- 0.7
- 2
- 6096
- $7 \times 7 = 49$, $9 \times 9 = 81$
- \$1.50
- 4.05
- 5
- 6000
- 12.10
- Teacher check
- 32 kL
- Teacher check
- 3300

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

24. 10
25. 10 – Spinner B

WEEK 6 – pages 12–13

MONDAY

1. 8.50
2. 2, 02
3. 10c
4. 9
5. 894
6. 37
7. $\frac{7}{2}$
8. 24 December
9. 60
10. $\frac{1}{2} = \frac{5}{10}, \frac{1}{2} = \frac{2}{4}$
11. $1\frac{2}{3}$
12. true
13. 0.8
14. 1.01 am
15. $500 \times 10, 5 \text{ KL}$
16. 25
17. 
18. 14, 2
19. 8100
20. 0.5 t

TUESDAY

1. 25
2. $2\frac{2}{3}$
3. 9, 6
4. 11
5. $\frac{4}{6}$
6. 1 ML
7. 7000
8. 8
9. 2
10. 15
11. 4, 8
12. 2.4
13. 31 July
14. 900
15. 9159

WEDNESDAY

1. $\frac{1}{5}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$
2. 12.50
3. true
4. 9909
5. 32
6. 3 km
7. 995
8. 1.25
9. 75c
10. $\frac{1}{3}$
11. 33, 1
12. pentagon
13. 1001
14. 4, 1
15. 8

16. $\frac{2}{6}$ or $\frac{1}{3}$
17. \$16.50
18. 1000, 1
19. $1\frac{1}{3}$
20. $\frac{37}{6}$

THURSDAY

1. 9.55
2. 1029
3. prism
4. true
5. 1750
6. 7
7. 1 kg
8. 0.7, 70
9. $3\frac{1}{10}$
10. 1000 m
11. 12 pm
12. 4.89
13. 270
14. 3999
15. 26 April
16. $\frac{2}{3}$
17. $3\frac{1}{3}$
18. 16
19. 27
20. 1.1

PROBLEM-SOLVING

Monday

1. R = 0.4
2. B = 0.3

Tuesday

1. 1000
2. 30, 330

Wednesday

1. 120
2. 

Thursday

1. 40
2. 12, 6

FRIDAY REVIEW

1. $\frac{5}{10}$
2. 15
3. $\frac{3}{4}$
4. $2\frac{3}{4}$
5. $\frac{14}{3}$
6. 1993
7. 851
8. 43
9. 14
10. false
11. $\frac{3}{4}$
12. 8088
13. 10
14. 39
15. $\frac{6}{10}$
16. 8, 3
17. 3.0
18. 6.50
19. 28 September
20. 4 km



21. 2 000 000 L, 2000 kL
22. 4
23. 1 kg
24. 10 kg
25. $\frac{1}{2}$

WEEK 7 – pages 14–15

MONDAY

1. 121
2. $\frac{16}{3}$
3. 1006, 10 006
4. 20c
5. 1
6. 9
7. 1.0
8. 5
9. 75
10. 30 000
11. false
12. reflection
13. Sunday
14. 1103
15. 1050
16. 12
17. $\frac{9}{5}, 1\frac{4}{5}$
18. 105
19. 4000
20. -2, -1, 1, 2, 3

TUESDAY

1. 
2. 960
3. 35 000
4. $\frac{18}{5}$
5. 10
6. 240, 48, 288
7. 8, 4
8. 976 531
9. 8
10. 400
11. 160, 320
12. 991
13. 1.35
14. 375 km
15. 1.15 pm
16. 7
17. spring
18. 1200
19. 2
20. 

WEDNESDAY

1. 120
2. $6 \times 8 = 48$ or $8 \times 6 = 48$,
 $48 \div 8 = 6$ or $48 \div 6 = 8$
3. 28 000
4. $\frac{16}{6}$
5. 2700
6. 9, 1
7. 1.1 kg
8. 2600
9. 3000 L
10. odd
11. 30
12. $2\frac{1}{2}, 3\frac{1}{2}$
13. 20

14. $7\frac{4}{5}$
15. 4, 80
16. trapezium
17. 11.59 pm
18. 3000
19. $\frac{4}{5}$
20. 1700

THURSDAY

1. 100
2. 90 000
3. 3.5
4. 2
5. $\frac{15}{4}$
6. $\frac{8}{3} = 2\frac{2}{3}$
7. odd
8. \$8.60
9. 45
10. 1992, 1996
11. true
12. 360
13. 12, 48
14. 145
15. 
16. 8
17. $\frac{2}{3}$
18. 72
19. 965
20. 12 t

PROBLEM-SOLVING

Monday

1. 805 km – 107 km
2. 912

Tuesday

1. 125
2. 5


Wednesday

1. 12.50 am, 1.10 am,
1.30 am, 1.50 am
2. 20 minutes

Thursday

1. rotation
2. 4, 8

FRIDAY REVIEW

1. $\frac{24}{5}$ or $4\frac{4}{5}$
2. 10 003
3. 2
4. 16, 64
5. $\frac{34}{5}$
6. 8
7. -3, -2, -1, 1
8. 996
9. 3
10. \$10.50
11. 1200
12. odd
13. 70
14. 10
15. 750 m
16. 9, 8
17. 100
18. 15 t
19. 40 000
20. 
21. 60°

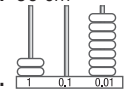

22. 1096
23. 10.59 pm
24. summer
25. Thur

WEEK 8 – pages 16–17

MONDAY

1. $1\frac{1}{3}, 1\frac{2}{3}, 2\frac{1}{3}, 2\frac{2}{3}$
2. 16
3. 1008, 10 008
4. 12
5. $\frac{13}{3}$
6. 20
7. $\frac{4}{5}, \frac{3}{4}, \frac{2}{4}, \frac{1}{3}, \frac{1}{5}$
8. southerly
9. 3, 8
10. 0.75
11. 41, 41
12. 6100
13. 22
14. 9090
15. 20
16. 23 June
17. 42, 48, 54, 60
18. 1500 m
19. 6, 12, 8
20. 2040



TUESDAY

1. 24
2. 90 cm
3. 
4. $\frac{22}{5}$
5. 10
6. 670
7. 400 440
8. 20–29 km/h \$200
9. Monday
10. 5
11. 1.0, 3.0
12. 
13. ÷
14. 31 August
15. 1. Bella 2. Sam
3. Jo 4. Nel
16. 240
17. 40
18. true
19. 3000
20. 140


WEDNESDAY

1. 270°
2. 3, 2
3. 7
4. 150, 350
5. 4, 2, 320
6. 4, 2
7. 720
8. ×
9. 10.8
10. 15
11. 114 km
12. 4
13. false

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

14. 35
15. 17
16. 
17. $\frac{19}{3}$
18. 
19. 500, 50
20. 4

THURSDAY

1. 240°
2. 20.6
3. $\frac{4}{3} = 1\frac{1}{3}$
4. 5
5. 11 896
6. odd
7. 998
8. 1050
9. 4
10. 4
11. 126
12. 795
13. Teacher check
14. 6
15. 8900
16. 21, 189
17. 8
18. 50
19. 
20. 0.25, 0.5

PROBLEM-SOLVING

Monday

1. C
2. D

Tuesday

1. 0.3
2. 0.2


Wednesday


1. C
2. \$560

Thursday

1. 5
2. 3, 19

FRIDAY REVIEW

1. 96 430
2. 25
3. false
4. 8.3
5. 5900
6. 110
7. true
8. 240
9. 1909
10. -1, -11, -5, -2
11. 12, 36, 108
12. 3009
13. 50 000 050
14. 70%
15. \$28.50
16. 640, 640, 320
17. 18
18. 6
19. 5, 5
20. 
21. 8
22. 200, 20

23. 2000
24. 
25. 1. dogs 2. cats
3. camels 4. goats

WEEK 9 – pages 18–19


MONDAY

1. 120°
2. 1.08
3. 17, 170
4. $\frac{19}{5}$
5. 5
6. false
7. 10 000
8. $81 \div 9 = 9$
9. parallelogram
10. 1100
11. $\frac{12}{5}$ or $2\frac{2}{5}$
12. 24
13. 0.6
14. 5
15. 15 km
16. 15, 7, 15
17. 100
18. 110 km
19. 5
20. 75

TUESDAY

1. 10 000
2. 300
3. 10 005, 100 005
4. spring
5. $\frac{44}{10}$
6. 14
7. $\frac{35}{100}$
8. Saturday
9. 13
10. 180°
11. 20.5 or 20 r 5
12. 6
13. 85 200
14. 727
15. -5, 0
16. 168 L
17. \$34.50
18. 2, 3
19. 6
20. 7, 11

WEDNESDAY

1. 97 410
2. 26
3. 5
4. 147
5. 135
6. 59.9
7. $12 \times 4 = 48$ or $4 \times 12 = 48$ or $48 \div 4 = 12$ or $48 \div 12 = 4$
8. 41
9. 2.02 am
10. 

11. 180
12. 10 000
13. 990
14. 3100
15. 1.2
16. 310
17. 15
18. 865
19. $5\frac{1}{12}$
20. 90
THURSDAY
1. 87 623
2. 100 004
3. 49
4. $\frac{21}{4}$
5. 4000
6. 35
7. 1000
8. Teacher check
9. 32 956
10. 5
11. 4
12. 14
13. 0.05
14. $\frac{32}{5} = 6\frac{2}{5}$ or 6.4
15. 36
16. 1.27
17. 9.55 am
18. 3500
19. 25
20. $\frac{7}{25}$, 28%

PROBLEM-SOLVING

Monday

1. B

2. 
Tuesday

1. 700
2. 1200

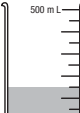
Wednesday


1. Teacher check
2. $\frac{5}{12}$

Thursday

1. 300
2. 4


FRIDAY REVIEW

1. 100 003, 1 000 003
2. 1.87
3. 1.02
4. 8
5. 2, 7
6. 5
7. $5\frac{5}{8}$
8. 0.09
9. 23
10. $1\frac{5}{10}$
11. $3\frac{3}{4}$
12. 32
13. true
14. 48.7
15. 270°
16. 10 000
17. 4
18. 
19. 3000

20. 
21. 360
22. 22
23. 10.45 pm
24. 2
25. $\frac{4}{25}$, 16%

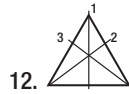
WEEK 10 – pages 29–31



MONDAY

1. 4
2. 9
3. 910
4. 999, 9999
5. 10
6. 1010
7. 1.5
8. 910
9. 30
10. $\frac{24}{100}$, 100
11. 9
12. 24 km
13. $8\frac{1}{2}$
14. $\frac{8}{10}$
15. 87
16. 12, 5
17. 12, 3
18. 15
19. $\frac{11}{6}$
20. 

TUESDAY

1. 180
2. 11, 1100
3. Teacher check
4. 10, 5
5. 4, 3, 1, 2
6. 48, 96
7. 11, 7
8. Ema, Oma, Ama, Mila
9. $\frac{26}{3}$
10. 123
11. 8



12. 
13. 400.9
14. 
15. 25
16. \$6.70
17. 6.20 pm
18. 5.8
19. 65 000
20. 55

WEDNESDAY

1. 6739
2. 3, 2, 4, 1
3. 351
4. $\frac{48}{5}$
5. $\frac{2}{3}$
6. $\frac{5}{6}$
7. 60, 90
8. 331

9. $\frac{15}{4}$
10. 15
11. 0.35, 0.15, 0.45
12. 16
13. 8910
14. \$7.80
15. 2
16. 3
17. 3
18. -1
19. pentagonal pyramid
20. 2458

THURSDAY

1. 621
2. $\frac{3}{10}$
3. isosceles
4. 1002
5. 11 100
6. $1\frac{1}{2}$
7. 19
8. $\frac{3}{4}$
9. 4 October
10. $8\frac{2}{3}$
11. 11.2
12. $\frac{1}{4}$
13. 28
14. 1.3
15. 10.35, 10.15, 10.25
16. 6.30 am
17. H
18. $429 + 48 = 477$
19. 8
20. 25%

PROBLEM-SOLVING

Monday

1. 2
2. 9

Tuesday

1. 4
2. 6

Wednesday

1. 10
2. 4

Thursday

1. 9500
2. 60

FRIDAY REVIEW

1. 9990
2. 996
3. 12
4. 10
5. $6\frac{3}{5}$
6. 6.05, 6.15, 6.25, 6.35, 6.45
7. $15 + 45 = 60$
 $45 + 15 = 60$
 $60 - 15 = 45$
 $60 - 45 = 15$
8. 20.04
9. 28
10. $\frac{3}{3}$
11. 4
12. $\frac{2}{6}$ or $\frac{1}{3}$
13. 200.7

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

- 256
- 3, 4, 2, 1
- $1\frac{2}{4}$ or $1\frac{1}{2}$
- 18, 18
- trapezium
- E
- 300
- 10
- 45
- 240, 237
- 24 000
- Fini, Vini

WEEK 11 – pages 32–34

MONDAY



- 1.
- 1000
- negative
- 40
- 7.5
- 2, 20
- 24
- 60
- 6**
- 8, 8
- 2.7, 2.4
- $\frac{7}{8}$
- 60°
- 30
- 3000
- $1\frac{3}{8} = 1\frac{5}{8}$
- even
- 60
- 24
- 22 hours

TUESDAY



- 1.
- 01
- 3, -2, -1, 0
- 90
- $3\frac{2}{8}$
- 0.77
- 3
- 90°
- 9 hours
- 100°
- 3
- 7
- 850, 1115
- 160
- 19 895
- 15
- 54, 27, 9, 3
- even
- 5600 r.p.m.
- 400

WEDNESDAY

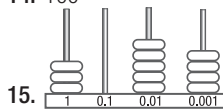
- 826
- 830
- 3, -2, -1
- 018
- 15

- $\frac{2}{6}$
- 5, 50
- 64
- 1110
- 300°
- $\frac{1}{3}$
- easterly
- 10 hours
- even
- 112
- 20 000
- 9
- 10
- 4, 52
- 991 000

THURSDAY



- 1.
- 10
- 565
- 1.3
- 161
- k**
- 9
- 136
- 2000
- Teacher check
- 201
- true
- 8 hrs 45 min
- 100°



- 15.
- 20
- 30
- 22
- 13
- 3

PROBLEM-SOLVING

Monday

- Kimmo
- Timmo

Tuesday

- $\frac{1}{6}, \frac{1}{8}$
- B

Wednesday

- Teacher check
- Teacher check

Thursday

- 60
- 9

FRIDAY REVIEW

- 16
- 0.31
- 0.1
- 3, -2, -1
- 5
- odd
- false
- 33
- 1
- 140
- $\frac{2}{3}$
- 80

- 1000
- 440
- 9
-
- 90°
- 12.5 cm
- Teacher check
- 70°
- e**
- 4 hrs 45 min
- 14 m^2
- 18 m
- 4, 52

WEEK 12 – pages 35–37

MONDAY

- 17 924
- 10 001
- 4
- \times
- $\frac{14}{4}$
- 31
- hi**
- 9318
- 49
- 5, 19
-
- 8
- even
- \$3
- 100°
- 27
- 1500
- $\frac{4}{4}$
- 18
- 18

TUESDAY

- 170 000
- 120
- 34
- 6
-
- 5
- 20
- 3330, 3303, 3033, 3030, 3003
- 9000
- 8890
- 63
- 892
- south-east
- $1\frac{6}{10}$ or $1\frac{3}{5}$
- 15, 15
- 1.089
- 100 000
- 28 cm^2
- 22 cm
- 270°

WEDNESDAY

- 120°
- 100
- 73
- $\frac{2}{3}$

- 6
- \$122
- 05
- 30
- false
- 13
- 13 hrs 50 min
- 991
- $\frac{6}{6}$
- 32
- $\frac{24}{10}$
- 120
- $2\frac{5}{8}$
- north-east
- $8 \times 7 = 56, 7 \times 8 = 56$
 $56 \div 8 = 7, 56 \div 7 = 8$
- $\frac{26}{52}, 0.5$

THURSDAY



- 1.
- 1.10
- 358
- 40, 0.4
- Teacher check
- 0.5
- 017
- 10
- 45°
- 2
- 42
- ||
- false
- 180°
- 12 cm
- $A < B < C$
- $\frac{3}{10}$
- 100
- $5\frac{3}{4}$
- 9

PROBLEM-SOLVING

Monday

- 4
- $\frac{1}{8}$

Tuesday

- 25%
- 60, 90

Wednesday

- \$16
- \$480

Thursday

- 66 km
- 100 km

FRIDAY REVIEW

- 10
- 0.7
- false
- 6
- 0.014
- 37
- $\frac{2}{16} = \frac{1}{8}$
- 5, 7
- 32
- 1200

- 4, 04
- even
- $6 \times 9 = 54$
or $9 \times 6 = 54,$
 $54 \div 9 = 6$
or $54 \div 6 = 9$
- 29.25
- 1050
- $60 - 4$
- 1.063
- 10 000
- 75°
-
- south-east
- bqd**
- 60°
- 0.25
- 0.5

WEEK 13 – pages 38–40

MONDAY

- acute 40°
- 10 001
- $30 + 6$
- 1300
- 6, -5, -3, 0, 2
- 14
- 1
- $4, \frac{2}{5}$ or 0.4
- top**
- 4, 52
- 12
- 9
- 01, 1%
- 699 900
- 10 000
-
- 14
- 20, 14
- 12
- $\frac{3}{5}$

TUESDAY

- 23
- 17.5
- 4500
- 12
- 2.72, 2.00
- 2
- 12
- Teacher check



- 8.
- 79 990
- \$6.75
- 14 hours
- 29
- 3 pm
- Teacher check



- 32
- $\frac{4}{6} = \frac{2}{3}$

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

17. 77
18. 100
19. 12
20. \$90

WEDNESDAY

1. Simon - 3, Lucy - 1, Sam - 2
2. true
3. 19
4. 79
5. 8
6. 6:51 am
7. 1
8. 22
9. 17
10. \$39.50
11. 3, 0.75
12. 75°, 105°
13. $\frac{1}{3}$
14. false
15. 31
16. 270°, reflex
17. 9607
18. $\frac{17}{3}$
19. 800
20. 375

THURSDAY

1. 30
2. 60
3. 750 000
4. 2
5. 2
6. 45 097
7. 910 000
8. triangular prism
9. 4, 48
10. 5
11. 50
12. car
13. \$29.50
14. 56, 56
15. $\frac{2}{6}$ or $\frac{1}{3}$
16. 7
17. 100
18. B, C, A
19. 18
20. 18

PROBLEM-SOLVING

Monday

1. 6
2. cyclops

Tuesday

- 1.

Wednesday

1. 45
2. C

Thursday

1. 6, 9
2. 9

FRIDAY REVIEW

1. 68, 68

2. true
3. 250 000
4. 60 000
5. 2
6. 7750
7. 42
8. true
9. 26
10. 3, 1
11. $\frac{2}{3}$
12. 6107
13. 12
14. $\frac{15}{4}$
15. 14
16. \$34.25
17. 50
- 18.
19. 9.00, pm
20. 10.02
21. 120°
22. 21
23. 20 m

- 24.
25. $\frac{1}{8}$

WEEK 14 – pages 41–43

MONDAY

1. 14
2. 130
3. 80c
4. 6296
5. 8
6. 640
7. 632
8. 12
9. O, A, A
10. $\frac{4}{52}$
11. 8
12. 1
- 13.
14. 5910
15. 3
16. 40
- 17.
18. 60 000
19. 3
20. 30 m²

TUESDAY

1. 0
2. 280, 273
3. 13
4. 12 m²
- 5.
6. 2850
7. 6990
8. 1200
9. ÷
10. 10 000
11. 0.342
12. true
13. 2058
14. 900 000
15. $2\frac{3}{4}, 3\frac{3}{4}$

16. 1001, 991, 982, 974, 967, 961, 956
17. even
18. 2400
19. 5, 1, 1
20. $\frac{4}{4}$

WEDNESDAY

1. 32
2. 400, 392
3. 2298
4. 9
5. 72, 96
6. 36 - 26 = 10
7. 7994
8. 0.132
9. odd
10. 100
11. Teacher check
12. 720°
13. 60, 6, 4, 6, 24, 384
14. 25
15. 16, 80
16. 10 001
17. 17 hrs 15 mins
18. $\frac{8}{52} = \frac{2}{13}$
19. 300 000
20. $2\frac{1}{4}, 3\frac{1}{4}$

THURSDAY

1. 480
2. 29
3. 8
4. 10th
5. false
6. 6
7. \$34.50
8. 5
9. $4\frac{3}{8}$
10. 3035
11. 14
12. 20
13. 100
14. 9, 09
15. 6
16. 25 cm²
17. 2, 1
18. 10
19. \$175
20. 120

PROBLEM-SOLVING

Monday

1. 0.25
2. 0.5

Tuesday

1. 800 m²
2. 375m²

Wednesday

1. 10 m²
2. 20 m

Thursday

1. 4, 44
2. \$330

FRIDAY REVIEW

1. 210, 203
2. 170
3. 24 487
4. ÷

5. $5\frac{1}{3}, 6\frac{2}{3}$
6. 8994
7. 100
8. true
9. 18
10. \$4
11. 176
12. $\frac{1}{4}$
13. 04, 4
14. 15
15. 100
16. 50
17. 0.8
18. 30, 4, 28, 238
19. 963
20. 25 hrs 30 mins
21. 95°, 85°
22. 9 cm²
23. circle
24. 9
25. $\frac{4}{52}$

WEEK 15 – pages 44–46

MONDAY

1. < half a kg
2. 896



- 3.
4. 1.00
5. $\frac{1}{4}$
6. 10 am
7. 9197
8. 63
9. 4.5
10. 45°
11. 49
12. 100 000
13. 100
14. isosceles
15. 31
16. 25, 25
17. false
18. 89 950
19. 899 950
20. 8 999 950

TUESDAY

1. 1.40
2. 40, 40
3. 8
4. 20
- 5.
6. 6100
7. 2 pm
8. Teacher check
9. 125
10. 6
11. 12, 52
12. 45
13. right angle
14. 4
15. 1
16. 1030
17. Teacher check
18. 34
19. 399 900
20. 3 999 900

WEDNESDAY

1. 5200
2. 6708
3. 29
4. 6, 3, 1
5. B
6. 1, 08
7. 2800
8. 9
9. $\frac{1}{5}$
10. 10°
11. 72, 18
12. 0.6, 60
13. -4
14. $6\frac{2}{3}$
15. $\frac{15}{9}$
16. scalene
17. 125 000
18. 23
19. 1350
20. 1280 kg

THURSDAY

1. 2
2. 4208
3. 100
4. 1.20
5. 0.36
6. 7
7. 10
8. 699 500
9. 7
10. 3493
11. rectangle
12. 100
13. $\frac{5}{10}$ or $\frac{1}{2}$
- 14.
15. 80
16. -6, -4, 0, 1, 3, 5
17. false
18. Teacher check
19. \$41.80
20. 35 minutes

PROBLEM-SOLVING

Monday

1. 6
2. 20

Tuesday

1. 30 000 m²
2. 800 m

Wednesday

1. 400 000 m²
2. 40


Thursday

1. A and B
2. C

FRIDAY REVIEW

1. 10 000
2. 3273
3. 140
4. 1.1
5. 100
6. 3, 1
7. 3493
8. 160
9. 4
10. 71 000

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

11. \times, \checkmark
12. Teacher check
13. 13
14. 5
15. 7
16. 41
17. 50 000, 5
18. 3.5
19. 4
20. 
21. 140, 180
22. 2018
23. 12 pm
24. 1555
25. 25




WEEK 16 – pages 47–49

MONDAY

1. 1.10 pm
2. 150
3. parallelogram
4. 2.1
5. 15
6. 7996
7. $4\frac{1}{7}$
8. 1.4
9. 95°
10. $3\frac{3}{4}, 2\frac{3}{4}$
11. 151 km
12. 3
13. 0
14. 5
15. $\frac{2}{3}$
16. \$27.20
17. 130°
18. 90 900
19. 70 000
20. true

TUESDAY

1. 3.20 pm
2. 7999
3. 
4. 70
5. 84
6. 2.9
7. 8
8. rectangle
9. 36
10. 44 km
11. 10 000
12. 30 505
13. 4
14. 21
15. 70 500
16. 125 000
17. 150
18. kite, rhombus
19. 144
20. 97

WEDNESDAY

1. 2.55 pm
2. 12 km

3. 957.8
4. 2.5
5. -4
6. 5
7. 100
8. 07, 7
9. 1700
10. 68
11. 135°
12. 7
13. 1101
14. $\frac{39}{7}$
15. \$22.20
16. 5
17. 100°
18. square
19. false
20. 28 m

THURSDAY

1. 7:05 am
2. 160
3. 540
4. 16
5. 15
6. 2.5
7. 3228
8. $B > C$
9. 25
10. $A < B < C$
11. true
12. 96
13. 25
14. 1.102
15. 65, 60, 5, 65
16. 380
17. 40
18. \$25.20
19. 4, 9, 15
20. true

PROBLEM-SOLVING

Monday

1. 50%
2. 20%

Tuesday

1. $\frac{6}{20}$ or $\frac{3}{10}$
2. \$150

Wednesday

1. 20 000
2. 30 000

Thursday

1. 8
2. 7


FRIDAY REVIEW

1. $5\frac{6}{7}$
2. 1 000 006
3. 15
4. 191
5. 160
6. 2.8
7. $\frac{1}{4}, 25$
8. \$22.20
9. 7
10. -3, -6
11. 207 000
12. 12
13. 62 500

14. 4500
15. true
16. 9
17. 2037
18. 39
19. 2.40 pm
20. 58 km
21. 58 km
22. 3.4 kg or 3400 g
23. 35 m^2
24. 24 m
25. $\frac{2}{6}$ or $\frac{1}{3}$

WEEK 17 – pages 50–52

MONDAY

1. 27
2. 0.03
3. -9, -3, -2, 0, 1, 5
4. 4.8
5. 7919
6. 3
7. 4
8. 500 000
9. 4, 5, 6, 7, 2, 3, 1
10. 2994
11. 72
12. 94
13. 
14. 890 000
15. 3
16. 1.111
17. 58 mm
18. 64
19. 600
20. \$28

TUESDAY


1. Wanna-B Diva, 64 sec.
2. 10 006
3. \$7.05
4. 39.2
5. 1 500 000
6. 9707
7. 9.8
8. 76 km
9. spz
10. 25
11. 51
12. 25, 25
13. 178
14. 25
15. \$850
16. even
17. $5\frac{7}{8}$
18. \$38.25
19. 9019
20. 170

WEDNESDAY

1. 9.07
2. 36
3. 1, 10
4. 0.04
5. \$1550
6. 1.2
7. 4193
8. 3.6

9. 3, 1
10. \$6.40
11. 800, 20, 820
12. 34
13. Teacher check
14. 7.0
15. 72
16. 84
17. 180°
18. 450
19. true
20. 0.02, 0.2, 0.22, 2.02, 2.2, 2.22

THURSDAY

1. 18 000
2. 
3. 93 500
4. 15 375
5. 400
6. 4
7. 2.111
8. p, h, k
9. \$1290
10. true
11. 1 250 000
12. 110, 70
13. 1
14. 9
15. 24
16. 3
17. 4214
18. 7297
19. a red colour
20. 3.33, 3.13, 3.03, 3.00, 0.33, 0.3

PROBLEM-SOLVING

Monday

1. 25 kg
2. \$100

Tuesday

1. Purple
2. 0.2

Wednesday

1. Liam
2. \$430

Thursday

1. 2
2. 10

FRIDAY REVIEW

1. 6
2. 15, 21, 28
3. 350, 350
4. 29
5. 3992
6. 25 500
7. 138
8. true
9. 45
10. $\frac{31}{4}$
11. 1.111
12. 26
13. 49
14. 90.7
15. 8
16. 11 041
17. 4.5


18. \$7.50
19. 8.02 am
20. 9 pm
21. 180
22. NW
23. 120°
24. dog
25. Nil or impossible

WEEK 18 – pages 53–55


MONDAY

1. 9
2. 110
3. 250
4. 0.07, 0.7, 7, 7.07, 7.17, 7.7
5. $\frac{2}{3}$
6. 8.2
7. pentagonal prism
8. $\frac{2}{4}$ or $1\frac{1}{2}$
9. 108, 112, 116, 120
10. $\frac{7}{10}$
11. 0.5
12. \$20 - \$6.40 = \$13.60
13. $\frac{7}{8}$
14. 10 000
15. 200 000
16. 1
17. 4, 8
18. 1206
19. 1.05
20. 7500

TUESDAY

1. 8
2. 490 000
3. 10 003
4. 4492
5. 
6. 7.1
7. 325 675
8. rectangle
9. 3

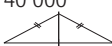


10. 
11. 4.5
12. 40
13. 4
14. 0.2
15. 25
16. 6
17. 39 900
18. 17
19. 2392
20. 8.88, 8.8, 8.18, 8.08, 8, 0.8, 0.08


WEDNESDAY

1. 6.606, 6.045, 6.006, 5.869
2. \$2250
3. 3
4. 6.5
5. 24
6. 2896
7. 130°

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

8. 90
9. 40
10. 40 000
11. 
12. 1
13. 5.15 am
14. $4 \times 9 \times 2 = 72$ or $(2 \times 4) \times 9 = 72$
15. 110
16. 5000
17. 1070
18. 9101
19. 35 m^2
20. 24 m

THURSDAY

1. Alex = 1, Max = 2, Rohan = 3, Oliver = 4
2. 16
3. 
4. 5, 1
5. 3.9
6. 10 000
7. 80
8. 600
9. 11.102
10. 2.34
11. 24 km
12. 111 111
13. 21
14. Teacher check
15. 1
16. 990
17. 156, 162, 168, 174
18. \$18.60
19. 10 500
20. 96

PROBLEM-SOLVING

Monday

1. 6
2. 4

Tuesday

1. Conor
2. 4, 9

Wednesday

1. 0.25
2. 500 g for \$1.00

Thursday

1. 40
2. 67.50

FRIDAY REVIEW

1. 480
2. 95
3. 66, 72, 78, 84
4. 14
5. 150 000
6. 48
7. 59 990
8. 27 055
9. $\frac{2}{3}$
10. 11.111
11. 0.15
12. 83

13. 8.80, 8.08, 8, 0.88, 0.8, 0.08
14. 16
15. false
16. 16
17. 1794
18. 7.101, 7.099, 7.09, 7.01
19. 6
20. 9, 2
21. 1040
22. 60°
23. 1
24. $A = \frac{3}{4}$, $B = 25\%$
25. 26, 52 or 50% or 0.5

WEEK 19 – pages 56–58

MONDAY

1. 10.50
2. 4008
3. 135°
4. 170
5. 5, 50
6. 0.25
7. 50
8. 10.0
9. 200
10. 6101
11. 39 111
12. 0.35
13. 7, 4, 0, -3, -8
14. 7
15. double 44, then double the answer.
16. $\times 10$
17. no
18. 3.303
19. 1500
20. false

TUESDAY

1. 6000
2. 500, 5000
3. $\times 100$
4. $1\frac{1}{4}$
5. $7\frac{3}{5}$
6. 22 m^2
7. $2 \times 55 \times 2$
8. $\frac{4}{5}$
9. 10 L
10. n9q
11. 90°
12. 10
13. 45°
14. 0.01


15. $\frac{1}{4}, 25$
16. 6 Glosticks for \$9.00
17. 19 900
18. 25
19. $4\frac{6}{7}$
20. 36 km

WEDNESDAY

1. 7640
2. 4768
3. 5
4. 280
5. 700 g + 600 g

6. 20 L
7. 10.4
8. 30°
9. 30
10. 100
11. 5980
12. 410.9
13. 3
14. 1
15. 15 faces coloured
16. 700 000
17. 42 km
18. $\times 100$
19. 300
20. 10 000

THURSDAY

1. 77 500
2. 8020
3. 23, 9
4. 10
5. 9973
6. 10.6
7. 3
8. 48
9. -4, -3, -2, 0, 1, 5, 6
10. 
11. $\times 1000$
12. 550
13. $\frac{1}{5}$
14. (1,3)
15. 0.3, 0.33, 3.03, 3.13, 3.3, 3.33
16. 153
17. rhombus
18. $\$10 - \$8.40 = \$1.60$
19. 45°
20. $\frac{1}{3}$

PROBLEM-SOLVING

Monday

1. 6, 2
2. 12 m^2

Tuesday

1. 5
 2. \$300
1. 7 hrs 30 mins or 450 minutes

Wednesday

1. 7 hrs 30 mins or 450 minutes
2. 28

Thursday

1. 7
2. 3.5



FRIDAY REVIEW

1. 4 coloured
2. 3
3. 48
4. 05, 5
5. 9980
6. 309.8
7. 2000
8. $32 \div 8 = 4$
9. true
10. 570
11. 150
12. 0.28
13. 12
14. $\times 100$
15. \$7.40

16. 6000
17. 131
18. 34
19. A
20. 56 km
21. 70°
22. translated
23. 45°
24. 10 000
25. 0.5

WEEK 20 – pages 59–61

MONDAY

1. 4.55
2. 150
3. 10 002
4. 8869
5. 66 km
6. 20.0
7. 225
8. 01
9. (a) b, c (b) a
10. 6000
11. 67 250
12. $7\frac{1}{5}$
13. 30
14. 3.8
15. 
16. Teacher check
17. 3000, 1500
18. $\frac{5}{6}$
19. 
- 20.

TUESDAY

1. (4,5)
2. 58
3. 2965
4. 3, 30
5. $4\frac{1}{4}$
6. 16
7. 1040
8. 2
9. 1
10. 240°
11. 12
12. 5184
13. 3920
14. 11 min
15. 7000
16. 1 am
17. 1500
18. $9\frac{4}{9}$
19. 1 150 000
20. 0.97



WEDNESDAY

1. 300, 375, 450
2. 1500
3. 29.06
4. 10 004
5. 4
6. $45 \times 500 = 22 500$
7. 19.0
8. 8
9. 3400

10. 110
11. 60° at A, B and C.
12. 124
13. rectangular based pyramid
14. $\times 1000$
15. $\frac{2}{4} = \frac{1}{2} = 0.5$
16. \$31.25
17. double 49 and double the answer.
18. August
19. February
20. May, June, July, August

THURSDAY

	M	T	W	T	F	S
Sales	14	13	6	43	24	0
Balance	86	73	67	24	0	0

- 1.
2. $2\frac{2}{5}$
3. 28
4. 10 004
5. 7993
6. $\times 1000$
7. 96
8. 40 000
9. 48
10. a, b 
11. \$99
12. 455
13. 6300
14. 
15. 2 pm
16. 5.4
17. 9
18. 79 900
19. $\frac{2}{6}$ or $\frac{1}{3}$
20. 1.01

PROBLEM-SOLVING

Monday

1. 
2. 20

Tuesday

1. 18 m^2
2. \$900

Wednesday

1. \$1.30
2. 4

Thursday

1. \$24
2. \$3.10

FRIDAY REVIEW

1. 40 950
2. false
3. 0.11
4. 6
5. $\frac{1}{4}, 25, 25$
6. 5340
7. 4, 40
8. 800 000
9. 72
10. double 72, and double the answer
11. 10 000
12. 48
13. $\frac{27}{6}$

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

- 8000
- $6\frac{1}{4}$
-
- 6 am
- 3 m
- 9 minutes
- 15 t
- 4350.85
-
- 0.5
- February
- August

WEEK 21 – pages 62–64

MONDAY

- 5
- $2\frac{1}{3}$ or $\frac{7}{3}$
- 100 001
- 450
- $3\frac{2}{5}$
- 0.3
- 10
- 9101
- $5\frac{3}{4}$
- 8
- 0.0404
- 0.15
- -7°C
- 10 000
- $54 \div 9 = 6$,
 $54 \div 6 = 9$,
 $6 \times 9 = 54$,
 $9 \times 6 = 54$
- 7000
- square base pyramid
- 18
- 9 999 999
-

TUESDAY

- Saturday
- 15
- $\frac{3}{4}$
- 6
- 35
- 12 m^2
- 30 000
- $-8, -12$
- 2
- sector
- 2.7
- 6
- 100 101
- 1000
- quadrant
- $\frac{8}{3}$
- $1.5 \times 3 = 4.5\text{ m}$
- 1200 m^2
- 500
- 700

WEDNESDAY

- c, d
- C
- 4.2
- 14

- 4.21
- 1800
- 7
- 6
- 12
- $6\frac{1}{9}$
- 380
- \$1170
- 8, 12, 6
- 36
- $1\frac{2}{3}$
- triangular pyramid
- no
- $7 \times 7 = 49$
- $40 \div 5$
- 17

THURSDAY

- c, d
- 100 004
- Teacher check
- 30
- 8
- 7
- 5, -2
- 0.20
- $\frac{5}{3}$ or $1\frac{2}{3}$
- 12 km
- 6
- 1
- $\frac{3}{10}$
- 200
- 235
- 99 990



-
-
-
- 0.29
- 2.9
- 0.029

PROBLEM-SOLVING

Monday

- 60
- 16 m

Tuesday

- 8
- 22 m^2

Wednesday

- 4
- 80

Thursday

- 36
- 625

FRIDAY REVIEW

- 25
- 7
- $3\frac{1}{5}$
- 0.12
- 21
- $1\frac{9}{10}$ or $\frac{19}{10}$
- 3.12
- \$3380
- 54
- $8 \times 9 = 72$,

or $9 \times 8 = 72$,
 $72 \div 9 = 8$
or $72 \div 8 = 9$

- $\frac{2}{5}$
- 8
- 6
- $4 \times 8 = 32$
or $8 \times 4 = 32$
- 36, 3
- 89 990
- a, b
- C, D
- 6500
-
- 81 cm^2
- 10 m^2
- 16 km
- 10
- 2

WEEK 22 – pages 65–67

MONDAY

- 14 000
- 100 001
- 8.5
- 0.01
- 1
- $3\frac{1}{5}$
- 30
- 8
- 63.90
- 0.40
- 65 000
- 49.5
- $A = \frac{6}{20}$, $B = \frac{15}{50}$, $C = \frac{3}{10}$
- 98
- 160 000
- 30
- triangular prism
- $4\frac{3}{5}$
- 1200
- 28

TUESDAY

- 21 000
- 29 July
- 9
- 32 025
- 25
- $5\frac{1}{3}$
- 0.30
- $10 \times 10 \times 10 = 1000\text{ cm}^3$
- 28
- 58
- 198
- 1
- 8
- -5°C
-
- 31
- 60
- 100

- 1.0
- 8

WEDNESDAY

- 5
- 100 003
- 12
- 12
- 0.057
- 0.57
- 5.7
- 3, 7
- 1 000 000
- 30°
- false
- 3
- $4\frac{1}{4}$
- 1
- 60
- 5000
- 0.7
- 40 000
- 11
- 0000
- 1000
- 1450

THURSDAY

- $5 \times 10 \times 2 \times 100\text{ cm}^2$
- 36
- 80%
- 40
- 0.70
- \$1510
- 60
- 8
- 1400
-
- 12
- true
- 260°
- 81
- 9.30 pm
- 1000
- 60
- 9
- 0.333



PROBLEM-SOLVING

Monday

- 4800
- 1200, 2400

Tuesday

- 20, 2
- 750

Wednesday

- 7
- 3.5

Thursday

-
- 20

FRIDAY REVIEW

- 18 000
- 100 005
- 125
- 1

- 100
- 94
- 4, 2
- 40
- 1 000 000
- -7°C
- 0.999
- 4, 72
- 10
- true
- 16, 128
- 39
- 1770
- 16
- 5
- 7500
- 1000
- 8 m
- 5.30 pm
- 18
-

WEEK 23 – pages 68–70

MONDAY

- 2 pm
- 600
- 5
- 4.4
- 0.05, 0.005
- 1 000 002
- 25 000
- 0.02
- 0.014
-
- 300 000
- 125
- 14 km
- \$40.55
- 37
- 8
- 80°
- 3
- 7, 1
- 1.00 am

TUESDAY

- 62
- 75
- $3\frac{2}{3}$
- 0.038
- 0.01, 0.002
- 64
- 17
- 100
- $5\frac{4}{5}$
- pentagonal pyramid
- 54
- 4.75
- 9990
- 0.642
- 1 in 8 or 0.125
- 50
-
- 37
- 96
- yes

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

WEDNESDAY

- 61
- 100 001
- $120^\circ, 60^\circ$
- 0.08, 0.009
- 900 000
- 400 km, 410 km
- 8.5
- $2\frac{2}{3}$
- 0.04
- 150
- 45
- 145
- $\times 1000$
- 0.999
- 15 000
- 129
- 100
- 19
- 6.30
- 4

THURSDAY

- 61
- $7\frac{2}{5}$
- $\text{E}\sqrt{\quad}$
- 8
- 9090
- 80%
- 3
- 1.09 pm or 1309
- 2
- 6700
- 1055
- 80
- $2\frac{1}{3}$
- pentagonal prism
- 9
- \$30 000
- 7, 2
- 72
- 45 000
- 0.09, 0.9, 0.99, 9.09, 9.9, 9.99

PROBLEM-SOLVING

Monday

- 18
- \$900

Tuesday

- 20%
- 750 g flour for \$3.30

Wednesday

- 35°
- 2% of 50

Thursday

	blue	pink	yellow	Total
A	$\frac{5}{10}$	$\frac{5}{10}$	0	1
B	$\frac{3}{6}$	$\frac{2}{6}$	$\frac{1}{6}$	1

- \$715

FRIDAY REVIEW

- 0.13
- 154
- 4000 L
- 3

- 20
- 50 000
- 372
- 0.7, 0.002
- 05
- 95
- 12
- \$50 000
- pentagonal prism
- 20%
- 27
- 0.02, 0.03, 0.2, 0.23, 0.3, 0.33, 2.03, 2.3
- 1.10 am
- 12
- 61
- 7 m
- Q
- $4\frac{3}{4}$
- 4895
- 0.125
- 1 in 4 or 25%

WEEK 24 – pages 71–73

MONDAY

- Saturday
- 15
- 20
- $\frac{2}{8}$ or $\frac{1}{4}$
- 1500
- 0.001
- 28 798
- 100 000
- 7, 1, 7
- 80
- 24 km
- 230 000
- 10, 10
- 25
- 1700
- 200
- $\frac{4}{5}$
- $2\frac{1}{8}$
- 1625
- \$975

TUESDAY

- 12 000
- 289
- 0.389
- 90 000
- 132
- 10 350
- 11
- 60
- 0.999
- G
- 12 000
- 18 999
- $\frac{2}{3}$
- 0.121
- 203, 203
- $3 \times 185 = 555$
- $18 \div 3$
- pentagon

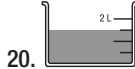
- \$7.70
- 3

WEDNESDAY

- \$72 000
- $6\frac{2}{4}$ or $6\frac{1}{2}$
- 0.002
- 1000
- 100 000
- even
- 0.99
- A = 4, B = 12
- 91 584
- 20
- 8750
- 140
- 20
- 812 210
- 120
- 800 g, 1.2 kg
- 8.2
- $\frac{31}{4}$
- 790 000
- 26

THURSDAY

- Saturday
- 0.98
- 45, 450
- 0.5
- 3000
- 8
- 38 795
- \$90 000
- 39.1
- 140°
- $\frac{4}{8}$ or $\frac{1}{2}$
- \$1.60
- 10
- 42
- 87
- 49
- 5:07
- 2 000 000, 1 999 500
- 450 000



PROBLEM-SOLVING

Monday

- 75
- 12, 4

Tuesday

- B, A, C
- Green (AB)

Wednesday

- -2°
- \$1175

Thursday

- \$2.25
- 3°C
- 70
- 6
- 0.173
- \$240 000
- 25
- 7

FRIDAY – page 93

- 8.8
- 6th
- 2125
- 100 000
- 6.5
- 20 000
- 500
- 1000
- 2 100 000, 2 097 000
- 117
- 26
- 0.96
- 3.09
-
- 21
- hexagon
- 32 m^2
- 4, 52
- $\frac{2}{8}$ or $\frac{1}{4}$ or 0.25 or 25%

WEEK 25 – pages 74–76

MONDAY

- 11 000
- 7
- 5100 mm
- 145
- $5\frac{2}{3}$
- 0.042
- 176
- 35 496
- 12 faces
- no
- 22.4
- 3
- 5
- 007
- 57 450
- 49
- rectangle
- spring
- 13 hrs 40 min.
- $20 + 3 + 0.2 + 0.05$

TUESDAY

- 373
- 13
- $7\frac{1}{3}$
- 257
- 25
- 72
- 218
- 9000
-
- 179 900
- 0.009
- 0.09
- 0.9
- 15, 15
- hexagonal pyramid
- 0.9
- true
- 100
- 2.15 pm
- 49



19.



20.

WEDNESDAY

- 0.009
- 9
- 03
- 44
- $63 \div 9 = 7, 63 \div 7 = 9$ or $7 \times 9 = 63, 9 \times 7 = 63$
- 29 899
- 292
- 18 faces
- $1\frac{3}{4}$
- 150°
- 11.7
- 24 cm
- 65
- equilateral
- 10
- 156 km
- 0
- 7.2
- 0645 or 6.45 am
- 2

THURSDAY

- Monday
- 45° , acute
- 10
- $3\frac{2}{3}$
- true
- 9500
- move decimal point left 1 place
- false
- $\frac{5}{100}, 0.1, \frac{1}{4}, 0.3, \frac{1}{2}$
- 60°
- 440 004
- 6, 5
- 5
- pentagonal prism
- 9
- 1207
- $\frac{1}{3}$
- 7, 7, 490, 42, 532
- 0.33
- 16

PROBLEM-SOLVING

Monday

- \$320
- \$6.40

Tuesday

- $\frac{14}{50}$ or $\frac{7}{25}$
- $\frac{11}{50}$

Wednesday

- 4, 8, 12, 20, 24, 28, 32, 36, 40, 44, 48, 5, 15, 20, 25, 30, 35,

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

40, 45, 50, 55, 60
Matching multiples:
20, 40

2. 60

Thursday

- A
- B

FRIDAY REVIEW

- $1\frac{3}{4}$
- move the decimal point one place to the left
- 100
- 274
- 2.5 cm
- 96
- \$29.20
- 8, 8
- 0.008
- 1
- false
- 5
- 9
- 5.6, 0.56
- 19
- 19.2
- 7
- 2.5
- 390 899
- 20 cm
- 13 hrs 40 mins
- $a = 60^\circ, b = 60^\circ$
- 12.55 pm
- 1610 or 4.10 pm
- H, T

WEEK 26 – pages 77-79

MONDAY

- 56
- 8th
- 7
- 17.5 or $17\frac{1}{2}$
- 0.998
- 453
- 6
- 37 500
- 12 km
- 16 400
- $3\frac{1}{4}$
- 105
- $A = 14, B = 21$
- 600
- 4.7
- 1809
- 6
- | | green | pink | yellow | purple | Total |
|---|----------------|----------------|----------------|---------------|-------|
| A | $\frac{4}{10}$ | $\frac{5}{10}$ | $\frac{1}{10}$ | X | 1 |
| B | $\frac{3}{6}$ | $\frac{2}{6}$ | $\frac{1}{6}$ | X | 1 |
| C | $\frac{1}{3}$ | $\frac{2}{3}$ | $\frac{2}{3}$ | $\frac{1}{3}$ | 1 |
- 2, 2, 20
- 2

TUESDAY

- 19
- 37
- 441
- \$28
- 0.44

- 125 mm
- 12
- quadrant
- 6, 6, 60
- 216
- 72
- $a = 150^\circ, b = 150^\circ$

- $10\frac{1}{5}$
- 11
- 26
- 750 g + 675 g
- 991
- 14 L
- 0.002
- C

WEDNESDAY

- 11
- 56
- 12
- 2, 7
- 87 000
- $24 \div 8 = 3$
- 100
- 56 m^2
- $7\frac{1}{4}$
- 0.99
- 4 June the next year
- 9 km
- 2106
- 160 000
- 20.7
- E
- 45
- 36
- \$450 000
- 120

THURSDAY

- 12
- 774
-
- 27
- 28
- false
- 8800
- $3\frac{2}{5}$
- 0.991
- $4\frac{1}{4}$
- 24, 4
- false
- 1701
- 7
- 1000
- 25°
- 200 000
- $(80 \times 8) + (3 \times 8) = 640 + 24 = 664$
- 9 L
- 36

PROBLEM-SOLVING

- Monday**
- 492, 357, 816
 - 40
- Tuesday**
- 160
 - 1600

Wednesday

- 30 L
- 3 L

Thursday

- 31 m
- 18 m

FRIDAY REVIEW

- 23
- 1260
- 36
- 362
- 18
- 0.55
- 2
- 24
- 0.0909
- 17 600
- 8, 8, 80
- 5
- $4 \times 6 = 24$ or $6 \times 4 = 24$
- 56
- 40 km
- 1050
- 70 000
- 890 000
- 3000
- 957 g
- 1952
- B
- 50°
- 5
- B, A, C

WEEK 27 – pages 80-82

MONDAY

- 5.55
- 130
- $0.08, \frac{2}{4}, \frac{12}{10}, 1.3, \frac{5}{3}$
- \$17.05
- 144
- 1100
- 10 500
- \$25
- 0.25
- 201
- true
- 6
- triangle
- 34, 34
- $7\frac{7}{10}$
- $\frac{1}{4}$
- 270° , reflex
- 10 pm
- 1000 cm^3
- 300 g

TUESDAY

- $a = 3, b = 11$
- 2, 30
- 71
- 150 000
- 1 000 000
- 24
- \$15
- 0.7
- \$400 000

- $(a) \frac{1}{4}, (b) \frac{1}{3}$

- obtuse: a, b
acute: c, d

- $(30 \times 8) + (9 \times 8) = 240 + 72 = 312$


- 590
- 500 km
- 3400
- 1.011
- 3
- 16.5
- 8
- false

WEDNESDAY

- 2, 3, 5
- 8
- 100 001
- 1789
- 750
- 1270
- 30
- 6.42
- 600 000
- $\frac{1}{4}$ of the total in red,
 $\frac{1}{3}$ of the balance in blue
- (a) B, (b) A and B
- 120°
- 5.1
- 104
- $29 \div 4 = 7 \text{ r } 1 = 7.25$

-
- 3.017
- 14
- 1980
- 21 000, 20 930

THURSDAY

- 11.20 pm
- 211 000
- 1200
- 890
- 0, -8, 12
- 3, 09, 003
- 1100
- $41 \div 5 = 8 \text{ r } 1 = 8.2$
- 10 am
- 9.5
- $24 \div 4 = 6$
- $2 \times 3 \times 7$
- 3000
- 
- 60
- 6500
- 162
- 2, -1, 0, 2, 3
- 1.2
- 60

PROBLEM-SOLVING

Monday

- 30
- 28

Tuesday

- 0.5
- 4000

Wednesday

- 10, 4

- 6, 8
- Thursday**

- 30
- 300 km

FRIDAY REVIEW

- 7, 11
- 20
- 7.39
- 19
- 2100, 2030
- 5, -7, 3
- 7500
- 499
- $5\frac{4}{5}$
- 3
- 80
- 128
- 2386
- 33
- 80
- 108
- 8.06
- 240°
- 1.024
- 4.027
-
- 1
- 600
- $\frac{6}{18}$ or $\frac{1}{3}$
- $\frac{2}{8}$ or $\frac{1}{4}$

WEEK 28 – pages 83-85

MONDAY

- 4
- 4.3
- 1550
- 0.3
- 909 999
- 1
- 991
- 27 000
- 33 894
- 54
- 2, 2
- 200
- 753 142
- 30 000
- triangular prism
- 600 g
- 4.199
- 0.08
- \$22, \$12
- \$26.50



TUESDAY

- 180 km/h
- 4.75
- 5.3
- 30
- 8.25
- 3 cm
- 17 002
- 4 m^2
- 15 000
- 45°
- \$700
- 2, 4, 5, 10

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

- 3
- hexagon, pentagon
- 190 000
- \$19.75
- \$12.30
- 39 597
- 45
- 2.5

WEDNESDAY

- 61
- 
- 70
- 7
- 90
- 1950
- 26 397
- 72 km
- 0.005
- 12
- 
- 2.1
- $\frac{1}{8}$ or 0.125
- 330°
- 55 000
- 9
- \$26.25
- 6 pm
- 11
- $\frac{41}{5}$

THURSDAY

- 25
- 100 001
- 135°
- 39 899
- true
- 75
- 3, 09, 003
- 3.715 L or 3715 mL
- 1000
- 67 500 000
- 10
- 1
- 0.625
- \mathcal{E}
- 890 000
- $\frac{5}{2}, 1.6, 1\frac{1}{4}, \frac{5}{5}, \frac{13}{100}, 8\%$
- 24
- 800
- 2112
- 5.30 pm

PROBLEM-SOLVING

Monday

- 7, 7, 8
- 800

Tuesday

- 20
- A

Wednesday

- \$315
- \$408

Thursday

- 2800



- \$26

FRIDAY REVIEW

- 24
- \$20.30
- 32
- 2350
- \$6.50
- 2, 4, 8, 16
- 30
- \$150 000
- 9.5
- 780 000
- 35
- 3150
- 9
- 0.715
- 2.9
- 2712
- $\frac{5}{4}, 1.1, 10\%, 0.04$
- 007
- 2.045
- 9
- 5
- 10.5
- 9.50 pm
- 0.125
- 5 or 6

WEEK 29 – pages 86-88

MONDAY


- Thursday
- 
- 0.33
- $5000 + 400 + 50 + 4$
- 28
- 6
- 27
- 
- \$12.50
- 1700
- 2, 3, 4, 6, 8, 12
- 84
- 1212
- 85
- 100
- 7
- 2
- 12 am
- 41
- 0.996

TUESDAY


- \$4.50
- \$6.25
- 10.4
- 1000
- 65 475
- 90
- 0.99
- 5
- \mathcal{E}
- 20%
- 4000

- 145 000
- 80 998
- 5960
- 2
- 40
- 10
- $\$162 + \$180 = \$342$
- $\$150 \times 3 = \450
- $\$180 + \$162 = \$342$

WEDNESDAY

- \$5
- 
- 180
- 99
- $a = 80^\circ, b = 100^\circ$
- \$2.50
- 1 010 110
- 22
- 25
- 33
- 4000
- 480 000
- 2000
- 11 pm
- A
- $\frac{1}{2}, 50\%$
- 17
- 80, 80
- 42
- isosceles – B, equilateral – A

THURSDAY

- \$5.50
- 111
- 8
- 135°
- 20
- 1394
- 32
- 
- $10 + 7 + 0.2 + 0.08$
- 0.41
- 60
- $\frac{1}{4}$
- 5000
- 2
- 1500
- 1 000 100
- 8th
- 2.15 pm
- 28 496
- scalene isosceles equilateral

PROBLEM-SOLVING

Monday

- A
- $A = 25\% B = 50\%$
 $C = 10\%$


Tuesday

- 10
- 50

Wednesday

- 12
- \$600

Thursday

- 
- 1.5 kg

FRIDAY REVIEW


- \$10
- 10
- 3
- 0.998
- 0.932
- 912
- true
- $\frac{11}{3} = 3\frac{2}{3}$
- 210
- 4000
- 5, 50
- 41
- 100
- 5
- 14
- $6\%, \frac{1}{4}, 0.5, \frac{8}{10}$
- 6300
- true
- 1 000 010
- 2
- 14.4
- C
- Reflex – b
Right – c
Acute – a
- 270°
- 25%

WEEK 30 – pages 89-91

MONDAY

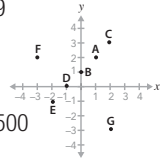
- 18, 22
- 0.58
- 6
- 100 004
- 2500
- 99 987
- true
- 1100
- rectangle
- 40
- 40, 40, 4
- 10
- 12
- 2.1
- 3, 7
- 12
- 120
- \mathcal{V}
- 200 000
- \div

TUESDAY

- $36 \div 6$
- 20
- 1500
- 0.6
- 
- 6
- 1 000 001
- 100

- 21, 26
- 2000 or 8 pm
- \$22.75
- 5
- 7500
- 2
- 45
- 10 000
- 6 am
- 2
- < 100 km/h
- 225 km

WEDNESDAY

- 18 000
- 25, 25
- 4
- 19
- 54 km
- 4, 40, 40, 4
- 1000
- 1200
- \mathcal{Z}
- 34 825
- 30
- 0.99
- 0.8
- \$19
- 
- 10 500
- 90°
- 0200
- 42
- 72

THURSDAY

- 39
- See Wed Q15
- 1500
- 0.993
- 600
- 4 750 000
- 18
- 12
- 30
- 40%
- 91
- 100 010
- 20
- B and D
- 1.012
- 1989
- 27
- 7500
- 20 000 m²
- 2 ha

PROBLEM-SOLVING

Monday

- $\frac{8}{20}$ or $\frac{2}{5}$
- 25, 35

Tuesday

- \$12
- 4320 g

Wednesday

- \$68

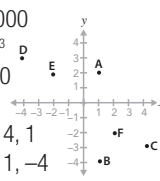
- 

Thursday

- 50%
- 50%




NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

FRIDAY REVIEW


- 15
 - 3.52
 - 89 999
 - 2000
 - 05, 5
 - 1300
 - 24 825
 - 23, 28
 - 7000
 - 0.989
 - 12
 - 15
 - 39 km
 - ÷
 - 0.4
 - 275
 - 10 000
 - 3 m³ P
 - 4500
- 
- A = 4, 1
B = 1, -4
 - 0.3
 - 12.30 pm
 - 1 pm, 1.30 pm
 - 175 km

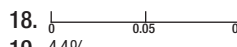
WEEK 31 – pages 92–94

MONDAY

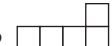
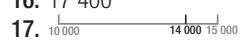
- 46
- 801
- 
- 064
- 399 958
- 
- 50 000
- 9
- 11
- 70
- 0.725
- 812
- 4.0
- 8, 12
- 
- 8000
- 4500
- 1000
- 50
- (a) $\frac{16}{50}$ or $\frac{8}{25}$
(b) $\frac{9}{50}$

TUESDAY

- 60
- 268
- 1500
- 22 m
- 16.5 m²
- ÷
- 2, 4, 8, 16
- 
- 20
- 12 L
- 1000
- 2020

- $\frac{1}{3}$
- 216
- $3\frac{1}{2}$
- 25
- 170
- 
- 44%
- 32%

WEDNESDAY

- 67
- \$400
- 7209
- 42
- $\frac{17}{5}$
- hexagonal prism
- (a) 120° (b) 60°
- 9
- Teacher check
- 94
- 63
- 
- 16
- no
- 3.20
- 17 400
- 
- 24
- 9100
- 1 035 000


THURSDAY

- 65
- 11
- 7 m
- 0.819
- 198 997
- 41
- 18 km
- \$37.50
- a = 75°, b = 105°
- 32, 112
- true
- 3 075 000
- 2300
- 3 am
- rectangular based pyramid
- odd
- 17
- 40°
- \$51
- 9.2, 9.6, 9.8

PROBLEM-SOLVING


- Monday**
- B
 - 350 m²
- Tuesday**
- \$42.50
 - \$5.80
- Wednesday**
- A
 - A = 25%, B = 40%
C = 50%
- Thursday**
- 2.80, 17
 - 21

FRIDAY REVIEW

- 2.91
- 1 037 000
- 299.4
- true
- 18
- 18
- 45
- 21
- 0.505
- 100
- 6309
- 24
- 525
- 15
- 
- 4300
- A = 2, 5 B = -2, -4
- 4040
- 2, 350
- 250
- 40
- 50%
- 75%
- 1970, 2000
- 1990

WEEK 32 – pages 95–97

MONDAY

- 1100 m
- 20
- 44
- 188 994
- 16 000
- 18 m²
- 1 100 000
- 7007
- 10 m
- \$10
- 1.201
- 275
- 45°
- $1\frac{1}{4}$
- 37
- 0.09
- 
- 859
- 278
- 

TUESDAY

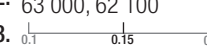
- \$45
- 1 000 001
- 10 000
- 80
- ÷
- 268 798
- 1 000 100
- 5.5
- triangular pyramid
- \$84
- \$59.50
- 4 sharks shaded
- \$84
- \$2400

- 0.07, 0.17, 0.7, 7, 7.17
- 30 000, 29 400
- 5, 05
- 1 am
- $\frac{4}{5} + \frac{4}{5} = \frac{8}{5} = 1\frac{3}{5}$
- 190 m



WEDNESDAY

- 57
- 9, 2
- 45 000
- \$405
- 2.05
- 81 m²
- 32 km
- 2
- $\frac{4}{3}, 1\frac{1}{3}$
- 2
- 5 doughnuts for \$2
- A = (1, 1), B = (2, 2)
C = (3, 3), D = (4, 4)
E = (-1, 1), F = (-2, 2)
G = (-3, 3), H = (-4, 4)
- 171
- 575
- \$19.50
- even
- (c) 1.75 m
- $3\frac{3}{5}$
- 12 am
- 400

THURSDAY

- 17 100
- 63 000, 62 100
- 
- 4.9
- 42
- 55
- 8
- 1, -5, 0
- 18
- they are the same
- 33 m
- Teacher check
- $\frac{2}{12}$ or $\frac{1}{6}$
- false
- \$1300
- 8, 9
- 5, 8
- 0.1
- 1200 mL

PROBLEM-SOLVING

- Monday**
- 2
 - 3
- Tuesday**
- 
 - 
- Wednesday**
- 4
 - \$18
- Thursday**

- 28
- 9600

FRIDAY REVIEW



- 210
- 28 000
- 27 300
- $\frac{6}{4}, 1\frac{1}{2}$
- 63
- $y > x$
- \$40.50
- 0.1
- 2
- false
- 58
- $\frac{4}{5}$
- 45
- 19
- \$1100
- even
- 8 am
- 64
- A = (2, 1), B = (2, -3)
C = (-2, -3), D = (-3, 3)
- \$12.50
- 12.01 am
- 4.070 kg
- 12, 7
- 24 m
- 0.166

WEEK 33 – pages 98–100

MONDAY

- 5500
- 139
- $\frac{40}{9}$
- 8.02
- 9992
- 18000
- (a) T
(b) F
(c) F
- 43
- (A, D), (B, C)
- 4
- 24
- 12 hrs 28 min.
- 0.1, $\frac{1}{4}, \frac{2}{5}, \frac{6}{8}, 0.8, 1.1$
- 20
- 45
- 6400
- c = 100°, d = 80°
- 460
- 2, 03, 23
- 3600, 3510

TUESDAY

- 55 mL
- 68
- 5, 7
- 1 000 004
- square based pyramid
-  
- 600 000

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

8. 0.1
9. 8
10. 1
11. 4, 018, 418
12. 44 443
13. 90
14. \$80.50
15. 7
16. 200
17. 1 000 000 L
18. 12.59 am
19. 24 m
20. 26.4 m

WEDNESDAY

1. 42 500
2. 8, 2
3. \$5 370 000
4. 320
5. $\frac{6}{10}$
6. 1 000 000
7. 0.01
8. 108, 12
9. 62
10. 0.7
11. 03



- 12.
13. 50 000
14. 2.546
15. 4200
16. A
17. \$58.50
18. \$25.40
19. 8500
20. A

THURSDAY

1. 0.01
- 2.
3. move the decimal point to the left 2 places.
4. $\frac{3}{5}$
5. 24
6. 120, 2
7. 1 110 010
8. 14.9 kL
9. 27
10. 39
11. triangular pyramid
12. 5, 4
13. 61
14. $\text{\textcircled{V}}$
15. 260
16. 4000
17. $3\frac{3}{8}$
18. even
19. 55
20. A = (3,1), B = (0, 3)
C = (-2, -3), D = (2, -3)

PROBLEM-SOLVING

Monday

- 1.

Tuesday

1. \$20
2. \$8.40

Wednesday

1. A
2. A = 75, B = 40
C = 40

Thursday

1. 90
2. $\frac{1}{10}$

FRIDAY REVIEW

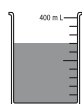
1. 32 500
2. $\frac{6}{10}$
3. 0.01
4. 0.02
5. 1700
6. $7, 1\frac{3}{4}$
7. 104 892
8. 2
9. 24
10. 6
11. 40, 45
12. \$30
13. $\frac{1}{5}, 0.21, 0.4, \frac{3}{4}$
14. 675
15. 38
16. 1 001 010
17. 270
18. 8.05 pm
19. 95
20. A = (-2, -1), B = (-1, -3)
C = (3, 1), D = (1, -3)
E = (3, -1)

21. 81
22. 1, 8 cm³
23. a = 70, b = 110
24. 1300
25. $\frac{3}{6}$ or $\frac{1}{2}$ or 0.5 or 50%

WEEK 34 – pages 101-103

MONDAY

1. 1050
- 2.
3. \$20
4. 4
5. 0.25
6. 37
7. 441
8. 22.5
9. 80, 88, 96, 104
10. 24
11. \$4
12. false
13. (a) a, c (b) b
14. 1900
15. 3, 3, 3.75
16. $\frac{5}{3}, 1\frac{2}{3}$



- 17.
18. 25 000 kL
19. E
20. 35 500

TUESDAY

1. 1650
2. 84
3. 20
4. true
5. 801
6. 100
7. 266
8. 56
9. 1250
10. 2.4
11. 10 pm
12. \$30
13. false
14. \$22.50
15. 0.9
16. rhombus
17. 1.201
18. 9, 9
19. Amy
20. Bronte

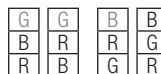
WEDNESDAY

1. 1350
2. 1 000 006
3. 100, 010, 909
4. 63
5. 201 992
6. 6, 18
7. 12
8. square
9. 0.01
10. 30 000, 29 400
11. 2400 m
12. 4, 40
13. 891
14. 5600
15. 72 500
16. 45
17. 9
18. 1350
19. 4 m
20. 18

THURSDAY

1. 68, 68
2. 120
3. 8 m
4. 48 km
5. 6, 60, 60
6. 8
7. 40 000
8. 441
9. 16
10. \$630
11. $12 \times 9 = 110$
12. 4000, 3920
13. false
14. \$110
15. 150
16. 1, 10

17. 62 500



- 18.
19. 6.0
20. 0.909

PROBLEM-SOLVING

Monday

1. 14 March, 5 am
2. 30 May, 9.30 am

Tuesday

1. 5 m
2. 5 m

Wednesday

1. (a) 50, (b) 35%
2. 15%

Thursday

1. B
2. A = 66.6% B = 62.5%
C = 50%

FRIDAY REVIEW

1. 44, 44
2. 9
3. 2400
4. 10
5. 21
6. 20.01
7. 48
8. 88
9. 3000
10. 801
11. 6, 3, 75, 75
12. \$900
13. 500 000
14. 6
15. false
16. true
17. odd
18. \$28.50
19. 12
20. 92 500
21. B
22. 8
23. 0.707
24. 2700 mm
25. Emma – 70%
Bronte – 100%
Amy – 40%

WEEK 35 – pages 104-106

MONDAY

1. 37
2. 5 500 000
3. 60
4. false
5. \$26
6. 64
7. 414 139
8. 1
9. 16 cm²
10. 6
11. \$375
12. 6
13. $(70 \times 8) + (5 \times 8) = 560 + 40 = 600$

14. 1.201
15. 0.001 g
16. $5, \frac{12}{5}, 2, \frac{4}{3}, 1.13, 1.1, 0.09, 0.03$
17. 505 000
18. 0.001 L
19. 4
20. 26 m

TUESDAY

1. 44
2. 7.1
- 3.
4. \$18
5. 0.4
6. $50 \times 8 = 400$
7. 30
8. 3.08
9. 1
10. 650 g + 950 g
11. 14
12. 0
13. 58
14. 180
15. 97 500
16. 0.2
17. Teacher check
18. 8
19. 6B
20. February, October, November

WEDNESDAY

1. 1450 L
2. \$27
3. \$119.70
4. 21 400
5. 6
6. 6×4
7. \$39.60
8. 4
9. 531



- 10.
11. false
12. 9300
13. odd
14. 17

THURSDAY

1. 200.014
2. 141
3. $\text{\textcircled{E}}$
4. 19
5. 1.09
6. 40
7. \$30
- 8.
9. 17 102
10. 15 575
11. 54

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

- 90°
- 16 km
- 16 m³
- 6800
- 1060
- 0.6
- 100
- 60°
- a, 30°

PROBLEM-SOLVING

Monday

- 5, 10, 20, 40
- 10, 100, 1000, 10 000

Tuesday

- \$120
- \$30

Wednesday

- 3200
- $\frac{2}{8}$ or $\frac{1}{4}$

Thursday

- 12 and 8
- 6 and 9

FRIDAY REVIEW

- 164
- 3 250 000
- 6
- 74
- 48
- 20 575
- 275
- 40
- 11** **9** **10** **15**
- 24
- $\frac{14}{8}$
- 15
- 0.77
- \$19.95
- 7.9
- 52**
- 1.5 kg
- 1250
- 0.5
- 7200
-
- 3, 20
- 0.001 g
- 2.009
- May, June, July, August

WEEK 36 – pages 107-109

MONDAY

- $(420 \times 10) - 420$
- 08
- 5.38
- $5\frac{2}{3}$
- 4, 3
- 0.1666
- 27 000
- 4 295 000
- 200 mm
- \$4.50
- 5

- 25
- 0
- 9
- triangular pyramid
- 7, 37, 19
- 4.002
- \$35
- 15 min
- 12.05

TUESDAY

- $(37 \times 10) - 37$
- 206
- 0.88
- 3
- 0.177
- true
- 70
- 42 000
- 432
- a = 130, b = 50
- 3, -3, -2, 3, 4, 7



- 0.999
- \$18
- q
- 200
- 3, 7
- 0.45
- 1675
- 90°

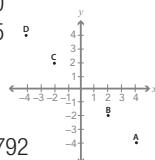
WEDNESDAY

- 63
- 0.965
- 12
- 125
-
- 6.1
- 0.502
- 8
- 115
- $\frac{7}{10}$
- 5
- 7007
- 702
- (a) 1 (b) 3 (c) 2
- 0.001
- $\frac{47}{9}$
- \$4.40
- true
- 48 m²
- 34 m



THURSDAY

- 29
- \$27
- 1.0
- 3.75
- 0.512
- \$49.95
- 999 899
- 0.990
- 0.025
- false
-
- 4009
- 2, 9, 792



- 4700
- 1100
- 30 m³
- 1 000 003
- 56
- 28 m²
- 72 m²

PROBLEM-SOLVING

Monday

-
- 120



Tuesday

- F
- E

Wednesday

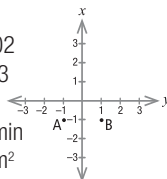
- 64%
- 30 m

Thursday

- $\frac{7}{25}$
- 225 m²

FRIDAY REVIEW

- 57
- 0.4
- 29.6
- 3 095 000
- 145
- 25
- 278
- 20
- 11 500
- $\frac{44}{5}$
- 68, 1
- \$24
- 0.99
- 3, 2, 1, -1, -2, -4
- 270
- 4
- \$12
- 2, 4
- 0.002
- 2003
-
- 15 min
- 16 m²
- 48 m²
- $\frac{3}{6}$ or $\frac{1}{2}$ or 0.5 or 50%



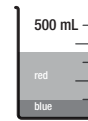
WEEK 37 – pages 110-112

MONDAY

-
- 17.50
- $\frac{1}{4}$, 25, 25
- \$15 000
- 64
- 62
- 92
- 11
- 4
- 0.35
- 10 000 000
- double 60, then double

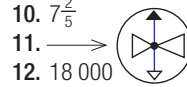
that answer

- 0.970
- $\frac{13}{7} = 1\frac{6}{7}$
- 1
- 40 000
-
- 3700
- 8050
- 7



TUESDAY

- \$32
- 92
- 2
- 340
- 240 000
- 3.36 pm
- 7070
- octagonal
- 1.0
- $7\frac{2}{5}$



- 18 000
- 200 kg
- \$4.50
- 27
- 111
- $\frac{1}{4}, \frac{1}{4}$
- $\frac{8}{7}, 1\frac{1}{7}$
- 7
- 20

WEDNESDAY

- 17
- \$4.60
- 300.040
- 12
- 3.099 L, 4000 L, 4.01 L, 0.5 ML
- $\frac{3}{4}$
- 6.004
- pentagonal prism
- 3500
- 60



- 18 000
- 3, 7
- 2200
- 0.6
- 0.910
- \$60.05
- 10
- trapezium
- 70°, 70°

THURSDAY

-
- 11
-
- 767
- 25°
- 4.5
- 2971
- $8\frac{1}{4}$

- 3
- 75, 75
- 9
- 0.301
- 4, 47
- 0.50
- \$24
- 0.35
- 206 km
- 4.25 pm
- 575

- 0.01** **0.1** **1.1** **0.7**

PROBLEM-SOLVING

Monday

- \$42.50
- 6.4 kg

Tuesday

- 23:05, 23:45, 00:05
- 11:25 pm

Wednesday

- 75
- 240

Thursday

- 1000, 50, 200, 400
- 1000, 100, 50, 2.5

FRIDAY REVIEW



- \$5
- 30 000
- 1500
- $\frac{6}{8}$ or $\frac{3}{4}$, 75, 75
- 58.05
- 3
- 7989
- $8\frac{3}{5}$
- 21
- 4
- 25
- $9 \times 8 = 73$
- $\frac{9}{6}, 1\frac{1}{2}$ or $1\frac{3}{6}$
- A = 3 are coloured, B = 9 are coloured
- 8
- \$19 000
- 36 m³
- 1925
- 1010 L
- 6.5
- (a) T, (b) F, (c) F
- C
- 2005
- 128°
- 55%

WEEK 38 – pages 113-115

MONDAY

- \$175
- 625
- a = 115°, b = 65°
- 50
- $\frac{12}{8} = \frac{4}{8}$ or $1\frac{1}{2}$
- 2900
- 40
- 398
- 2000
- 48

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

- rhombus
- $10\frac{2}{9}$
- 10 000
- 0.9
- 8
- 15 
- 
- 1.08
- 111
- \$5.99

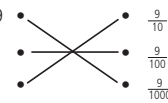
TUESDAY

- 5 hrs 20 min.
- C, B, A
- 6020
- 9.01
- 61
- 1000
- 18.20



- $a = 145^\circ$
- $\frac{11}{6} = 1\frac{5}{6}$
- 32
- 8
- 213.1
- 775
- 10%
- 365
- 1090
- \$17.50
- 120
- \$450

WEDNESDAY

- 0.009 
- 470
- \$5.80
- 1.18
- 6
- 80 470
- 200, 888, 352
- 325
- 2.050
- 8, 8, 80
- 52
- 1
- 0.9
- 11
- 7500
- 2.345
- \$22 each
- 28
- 31
- \$2.80

THURSDAY

- \$11.25
- 0
- 1750 m
- 1700
- 35
- 893 497
- 4 @ \$3

- 25%
- 56
- \$4.10
- \$10
- 12 pm
- 27
- 1000
- 10 000
- \$1.99
- 210
- \$1920
- 0.99
- 9.01

PROBLEM-SOLVING

Monday

- 15.0
- 8, 25

Tuesday

- 220 m
- $P = 34 \text{ cm}, A = 33 \text{ cm}^2$

Wednesday

- \$36.50
- 1 hour 35 mins

Thursday

- 210
- $4 \times 6 \times 8 \times 9 = 1728$

FRIDAY REVIEW

- \$21.25
- 7
- 4 @ \$5
- 200
- 31
- 2100
- 10.01
- 4, 4, 40
- 530
- \$11.50
- 10 000
- 720
- $\frac{31}{7}$ (improper fraction)
- 10.383
- \$8.99
- 3
- \$10.99
- 11
- 12
- 29
- 3
- 1550
- 1 am
- 12.5%
- (a) No
(b) 2016 – 70 000,
2017 – 70 000


WEEK 39 – pages 116-118

MONDAY


- 3.5
- 4.75
- 5473
- 850
- \$6.70
- 170
- 80
- $30 \div 5$

- 36 m^2
- 2.95
- obtuse = A
right = C
acute = B
- 27
- 0.364
- 6500
- 1.6
- 9
- 800
- 28
- 18, 22, 26
- 58

TUESDAY

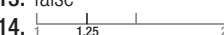
- 125
- 9.9
- 8 365 000
- 6, 6, 60
- 
- 30
- \$8.50
- 1.27
- true
- 56
- 126
- 5
- $4.75 \text{ or } \frac{19}{4}$
- $40 \div 5$
- $\frac{4}{5}$
- 26
- 10 minutes
- 0605
- No
- Before 6.15 am

WEDNESDAY

- Aymee – 4
Natasha – 3
Kathleen – 1
Sonja – 2
- 6250
- 158
- 1.6 
- 0.1
- $7 \times 12 = 84$
- 8.94
- 2070
- 7
- 210
- $\frac{9}{5}, 1\frac{4}{5}$
- 55
- true
- 1800
- 3
- 48
- highly suspicious of
Con's dice.
- 700
- $\frac{1}{2}$

THURSDAY

- 1 July
- 120
- 63
- 440

- 120
- 4.8
- 14
- 135
- true
- 698
- 750
- 1.46
- false
- 
- 19
- 2 070 000
- (a) 0.001, (b) 0.001
- true
- 72
- B

PROBLEM-SOLVING

Monday

- 45, 60, 75, 90, 105
- Cup of sugar
 $-1\frac{2}{3}, 2, 2\frac{1}{3}$,
Cup of flour
 $-4\frac{1}{2}, 6, 7\frac{1}{2}, 9, 10\frac{1}{2}$

Tuesday

- 1125
- \$5625


Wednesday

- $\frac{5}{6}$
- \$40

Thursday

- $\frac{1}{3}$
- $\frac{7}{8}$

FRIDAY REVIEW

- 1.18
- \$7.40
- 1.03
- $\frac{4}{10}$ or $\frac{2}{5}$
- 9.25
- 25
- 66
- 95
- 9
- 800
- 71
- true
- 
- 158
- 6, 12
- 9250
- 0.01
- $b = 150^\circ, a = 30^\circ$
- 5**

- (a) 50 mins
(b) 35 mins
(c) 20 mins
- 1, 11
- 4.10 pm
- early
- 2 December, 6.30 am
- 180

WEEK 40 – pages 119-120


MONDAY

- 12.55
- 1.03
- 231 900
- 7
- 0.889
- $(1000 \times \$1) +$
 $(1000 \times \$0.99),$
 $1000 \times \$1.99,$
 $\$2000 - (1000 \times$
 $\$0.01)$
- 12
- 20
- $< 90^\circ$
- 1 kg $(1000 \text{ g}) \div 200 \text{ g}$
- 15 500
- 0.2
- \$55
- 5
- 4
- 40
- 2.15 pm
- 16
- $A = (3, 1); B = (-1, -2);$
 $C = (1, -3); D = (-3, 1)$
- Teacher check

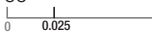
TUESDAY

- True
- 50
- 25
- $\frac{11}{5}, 2\frac{1}{5}$
- 2.06
- 35
- $5\frac{1}{4}$



- 
- 0.01
- 40
- 72
- 32
- 1
- rhombus
- 530
- true
- 1.4
- 10 000
- $1000 \text{ g} \div 250 \text{ g}$

WEDNESDAY

- Saturday, Sunday
- 92
- 235
- \times
- 63
- 0.5
- 81
- 2500
- 58
- 
- 12.003
- 4200

NEW WAVE MENTAL MATHS (BOOK F) – ANSWERS

13. 0.1
14. A
15. \$363.51
16. 25
17. 2002
18. 3 000 000
19. odd
20. $1000 \text{ kg} \div 20 \text{ kg}$

THURSDAY



- 1.
2. 1000
3. 3 297 000
4. 0.21
5. 8000
6. 3
7. $a = 75^\circ, b = 105^\circ$
8. 96
9. 4600
10. 1200
11. C
12. 60
13. $\frac{1}{4}$
14. 27
15. 56
16. 145
17. 0.166
18. 75
19. 70
20. 200 g

PROBLEM-SOLVING

Monday

1. 60%
2. $a = 108^\circ, b = 60^\circ$

Tuesday

1. 70°
2. 90 000 g or 90 kg

Wednesday

1. Purple
2. Teacher check

Thursday

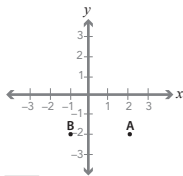
1. \$470
2. 20

FRIDAY REVIEW

1. 176
2. \$28
3. true
4. 3800
5. $\frac{1}{2}$
6. \times
7. 0.391
8. 0
9. $3\frac{3}{4}$
10. 2.03
11. false
12. 12
13. $1\frac{3}{4}$
14. 17
15. $72 \div 8$
16. 7.502
17. 0.8
18. 3.15 pm
19. 61
20. B

21. b
22. C

23.



24.

25. 25