

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

## WEEK 1 – pages 2–4

### MONDAY

- 4.15
- 16
- 18
- 5301
- pentagon
- 20
- 5
- 0.07
- semi-circle
- pm
- 18
- 5000
- 100
- 14
- $\frac{2}{3}$
- 1 m
- 8
- 4
- 4
- true

### TUESDAY

- 2.45
  - 4
  - 49
- |    |    |    |    |    |
|----|----|----|----|----|
| 3  | 6  | 9  | 12 | 15 |
| 18 | 21 | 24 | 27 | 30 |
| 33 | 36 | 39 | 42 | 45 |
- 4
  - 4
  - 5005
  - am
  - 17 km
  - hexagon
  - 29 February
  - 108
  - 365
  - 90



- 1 kg
- 8
- $60 + 3 = 63$
- false
- 1500
- $\frac{2}{4}$  or  $\frac{1}{2}$

### WEDNESDAY

- 7.30
- 12
- 81
- 3
- octagon
- 12 801
- 366
- trapezium, square, rhombus, kite
- 32
- $\frac{5}{10}$  or  $\frac{1}{2}$
- 4
- Monday
- 54th Street
- 10
- 800
- $\div$

- 350
- 290
- 36 cm
- true

### THURSDAY

- 5.20
- 60
- hexagon
- 60 000
- 52
- \$6.50
- 80
- 5
- $\frac{6}{9}$  or  $\frac{2}{3}$
- parallelogram

	Prime	Composite
Odd	7	9
Even	2	10

11. 100
- 100
- 21
- morning
- 509
- 11
- (a) Year 1  
(b) Answers will vary
- true
- 8
- 0.02

### PROBLEM-SOLVING

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

### FRIDAY REVIEW



- 12
- 6
- 4
- \$5.50
- 80
- $\frac{8}{9}$
- 6
- 2352
- 12, 24, 28
- 24
- 6
- true
- 10
- 126
- 350
- 230
- 11 110
- 1099
- 0.04
- 2 m
- 365, year

- 9.45
- hexagon
- 2 kg
- 7

## WEEK 2 – pages 5–7


### MONDAY

- 1.05
- 45
- kite
- 60
- 40
- 205 km
- 6
- 21


9. 
- 500
- 1000
- 81
13. 
- 50
- 40 000
- 35
- 5
- 100
- \$1.50
- $\frac{4}{5}$

### TUESDAY

- 8.25
- 290
- 27
- 750
- 60, 300
- 10
- $\div$
- 5
- cylinder
- \$3.00
- 16 000
- 73


13. 
- 4
- rhombus
- 24, 95
- 10
- $\frac{9}{10}$
- 160, 24
- odd

### WEDNESDAY

- 10.40
- less
- 40 004
- 900
- 5000
- 24
- 3.10
- octagon
- 49
11. 
- 24
- distance in kilometres
- 1000

- (a) 24  
(b) 56
- $\frac{7}{8}$
- 4
- 1000
- 64
- even
- 4080

### THURSDAY

- 9.50
- 2
- rhombus
- 370
- 550
- \$1.10
- 5
- 1000
9. 
- 266
- $\frac{1}{10}, \frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{1}{2}$
- 0.04
- (a) 84 km  
(b) 272 km
- 1400
- 40
- 1000
- 5
- even
- 24 cm
- \$7.50

### PROBLEM-SOLVING

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


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

### FRIDAY REVIEW

- 150
- $\frac{1}{8}, \frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{1}{2}$
- 1200
- 160, 16, 176
- 1000
- 195 km
- 48
- 3070
- \$3.50
- $\frac{7}{9}$
- 12 000
- 25
- 24
- <10
- odd
- \$2.00
- 40 km
- false
- 4.05

- 1000




9. 
- 1000
- rhombus
- Teacher check

## WEEK 3 – pages 8–10

### MONDAY



1. 16
- $\frac{4}{4}$
- 609
- triangular pyramid
- 1.6
- 54
- $\frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{10}$
9. 
- 270
- (a) 36  
(b) 54
- $\frac{4}{5}$
- 24 cm
- N
- 1400
- October
- \$45.00
- 33
- \$2.80
- 1430

### TUESDAY



1. 1
- triangular prism
- 3789
- 2100
- 95
- less than
- 10
- 240, 32, 272



- 1.4
- 800
- 85
- 40
- \$3.80
- 800
- 350 000
- C
- A
- B

### WEDNESDAY



- 950
- 175
- 4300

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

- 510 000
- 17 500
- \$5.90
- 25, 49
- 28
- $\frac{1}{4}$
- B
- Spring
- 4
- 2000
- false
- (a) north  
(b) 9th Road
- 2941
- 90 kg
- 1200
- 4

## THURSDAY



- 
- 
- 7489
- (a) 21 (b) 42
- \$1.90
- 5964
- 252
- $\frac{1}{4}$
- \$2.50
- Summer
- 
- 550
- 36
- square-based pyramid
- 52
- 21 km
- 40, 4, 396
- false
- 30
- 118

## PROBLEM-SOLVING

Monday

- (5,2) (5,3) (5,4)  
(5,5) (4,5) (3,5)  
(2,5)

- Teacher check

Tuesday

- 150
- 725

Wednesday

- 201
- 65

Thursday

- 3
- 2

## FRIDAY REVIEW

- 16
- 2364
- 240, 24, 264
- 1.3
- 100
- $\frac{1}{2}$
- 1740
- 1200

- 1978
- 24
- 6
- 25 kg
- \$7.50
- \$2.50
- 812
- 68 km



17.



- Autumn
- Teacher check
- square-based pyramid
- 3200
- triangular prism
- C
- 28 cm

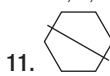
## WEEK 4 – pages 11–13

### MONDAY

- 1.25
- 150
- right angled/scalene
- 40, 5, 200, 25, 225
- 8, 2
- 1
- 1.3
- Teacher check
- 
- 90 090
- 210 cm
- 8990
- 32 cm
- F
- 12
- 0.1
- 15 April
- $12 \times 7 = 84$
- 1.08, 1.8, 1.99, 2.01,  
2.1, 2.2
- 0.2

### TUESDAY

- 2.40
- 800
- 50 kg
- 100
- 1
- 3, 1
- 4
- equilateral
- 22, 33, 44, 55, 66, 77,  
88, 99, 110, 121, 132
- 40, 8, 56, 336



- 
- $30 \times 12 = \$360$
- 0.3
- 2 July
- 9400
- 3100 m
- 0.8
- 1000

- 1.8
- 370

## WEDNESDAY

- 10.35
- 9
- 3.05
- $\frac{3}{4}, \frac{2}{3}, \frac{2}{5}, \frac{1}{4}$
- 15 500
- 1
- 5, 2
- 
- false
- 160
- 1100 g
- scalene
- 7000
- 0.1
- $24 \div 8 = 3$
- 31 January
- 1000
- \$2.40
- $\frac{2}{5}, \frac{3}{5}$
- 160

## THURSDAY

- 4.25
- 60
- \$60.00
- 15
- 0.8
- 1100 kg
- 30, 9, 180, 54, 234
- 4, 7
- 1100 mm
- isosceles
- 800
- K
- 20
- 13 January
- 0.7
- 1.7
- 3000
- January
- rhombus
- $\frac{1}{4}, \frac{3}{4}$

## PROBLEM-SOLVING

Monday

- 30 000
- 110 000

Tuesday

- 6
- 18

Wednesday

- 3
- 1

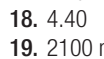
Thursday

- Teacher check
- 60%

## FRIDAY REVIEW

- 900
- 5
- 1
- 2.9, 2.99, 3.03, 3.1,  
3.2
- 1.25

- 1
- 7, 3
- $8 \times 7 = 56$
- 0.7
- 270
- 2.08
- 4000
- 0.9
- 6980
- true
- 50
- $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{2}{5}$
- 4.40
- 2100 m
- 3100 kg
- 100
- equilateral



- 17 March
- pentagonal pyramid

## WEEK 5 – pages 14–16

### MONDAY

- 7.30
- 66
- A = 0.5, B = 0.75,  
C = 1.25, D = 1.50
- 90, 270, 279
- 4200 m
- 4000
- 3.5
- equilateral
- 43 500
- 130
- 3.08
- 6, 2
- cube
- 0.9
- 30 September
- \$3.20
- 8
- 34 cm
- 1.6
- $12 \times 3 = 36$

### TUESDAY

- 11.45
- 15
- \$1.30
- 6200 g
- 390
- 1.2
- 7000
- 
- \$2.50
- triangular pyramid
- 50
- 2004, 2012



- 7917
- 9
- true
- 12, 16, 20, 28

- 4, 5
- $\frac{3}{4}$
- 1

## WEDNESDAY

- 9.40
- 1010
- 3.0
- 31 July
- 24, 36, 48, 60, 72, 84,  
96, 108, 120, 132,  
144
- 35
- 7200 kg
- scalene
- 7
- 4, 320, 336
- 6737
- $2\frac{1}{4}$
- spring
- 85 070
- 10
- 1884
- 1
- \$2.50
- 12
- $4 \times 3$

## THURSDAY

- 0.10, 0.15, 0.20, 0.25
- 1006
- right-angle triangle
- 25
- 65
- 5200 mm
- 10.1
- 9
- summer
- cylinder
- 0.2
- 125
- true
- Teacher check
- 8874
- 28
- 32
- 1
- 10, 3, 10.3
- 10

## PROBLEM-SOLVING

Monday

- \$75 000
- \$785 000

Tuesday

- Answers will vary.  
Possible answers:  
Pentagon (5)  
Octagon (8)  
Square (4)

- 9

Wednesday



- 108
- 45

Thursday

- 3 bags of apples for  
\$10.50
- 18


# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

## FRIDAY REVIEW

- 113 000
- 1
- 10.0
- 0.6
- 1011
- \$6.60
- 4, 4, 280, 296
- $\frac{5}{10}$
- 1.2
- 45
- true
- 10, 3
- Teacher check
- 6431
- 7000
- 3.07
- 10
- 11.35
- 2
- cube
- 3700 m
- 
- 36 cm
- 
- (a) true  
(b) 15, 15

## WEEK 6 – pages 17–19

### MONDAY


- 6.05
- Teacher check
- Teacher check
- \$5.60
- 1.3
- 19 990
- 1.2
- 
- 3, 0.8, 0.08
- 1400
- odd
- 1.6, 1.96
- 35
- true
- 9000
- 1
- 30 August
- 16, 24, 40, 48, 64, 72
- 470 cm
- 1000

### TUESDAY


- 3.10
- 10
- 12 010
- \$3.70
- Teacher check
- 10.2
- triangular prism
- 2, 0.9, 0.02
- 7
- 1.5
- 1 July

- \$12.50
- 0.1
- 2.4
- 9500 mm
- $\frac{9}{10}$
- 1.7
- 240
- scalene
- 0

### WEDNESDAY

- 8.05
- \$0.30
- 121
- 270
- 
- 70
- $\frac{11}{4}$  or  $2\frac{3}{4}$
- 380, 3800
- 37
- square-based pyramid
- 1.6
- 1700
- 132
- 7500 m
- 36
- \$19.00
- 1889
- 14
- 2.4, 2.94
- (a) Druitt  
(b) A1, B1, C1, D1, E1  
(c) 25

### THURSDAY

- 10.10
- 2112
- 
- 3, 1, 09
- 110
- 44
- 2400 kg
- \$2.30
- yes
- cube
- 270
- $90 - 9 = 81$
- 340
- 34
- 80, 2, 410
- 2300
- 45, 450
- $\frac{2}{10}$ ,  $\frac{1}{5}$  or 0.2
- under
- +

### PROBLEM-SOLVING

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

### Thursday

- 16, 17
- 961

### FRIDAY REVIEW

- 9
- \$2.20
- 0.25, 0.50, 0.75, 1.00
- 18
- +
- $\frac{3}{10}$
- 5.4
- 1.2
- 110
- 1250
- Teacher check
- 30
- \$12.50
- 18, 30, 36, 42
- 60, 54, 48, 42, 36
- 13 020
- 3.6
- true
- 8.10
- 2.5
- scalene
- 21
- 3.8
- (a)–(b) Teacher check
- 0.5 or  $\frac{1}{2}$  or 50%

## WEEK 7 – pages 20–22

### MONDAY


- 1.10
- 0.1
- 100, 200, 300, 400
- 5
- 180
- 575
- 1.6
- 1000
- rhombus, parallelogram
- \$7.50
- 7.3 km
- 9, 8, 72  
72, 9, 8
- 4 tenths
- 28
- 210
- 12, 1.2
- 30 July
- 2, 4
- 1600
- 9

### TUESDAY


- 5.05
- 5096
- 42
- isosceles
- 205
- 1.4
- 4.2 kg
- hexagonal prism
- 1.65
- ÷
- 1 February
- 65 000

- 0.41
- Teacher check
- 100
- 6000
- 5
- 23
- $\frac{3}{4}$
- \$12.80

### WEDNESDAY

- 3.15
- 360
- 250
- 3.7, 3.97
- 1, 1, 2, 2, 3
- 3700
- $\frac{3}{8}$ ,  $\frac{4}{8}$ ,  $\frac{6}{8}$ ,  $\frac{7}{8}$
- 
- 280
- $\frac{9}{4}$
- true
- 56
- 16 005, 16 025,  
16 052
- 16, 20, 24, 28, 32
- \$58
- 5600
- 1000
- 21
- 4
- 81

### THURSDAY

- 9.00
- 23, 5
- Teacher check
- 27
- yes
- 155
- 5.4
- 170
- 18, 24, 36, 42
- (a)–(b) Teacher check
- 35
- 2.2 m
- Teacher check
- 40 m
- 28
- Teacher check
- 1100
- 
- 132
- 2.5

### PROBLEM-SOLVING

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

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

### FRIDAY REVIEW

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

## WEEK 8 – pages 23–25

### MONDAY

- 5.50
- spring
- 8935
- 160
- 99 990
- TH, TT
- 9.7 km
- 20
- pentagonal pyramid
- 4
- 8 tenths, hundredths
- 1
- equilateral
- 18 cm
- 30 minutes
- 7000
- 1110, 1101, 1090,  
1019, 1001
- 28
- 40
- 6

### TUESDAY

- 18, 21, 24, 27
- 4, 6
- \$7.50
- 110

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

- 8.7 m
- 1.9
- 1.5 hours
- 7
- isosceles
- ÷



- pentagonal prism
- 5
- 2 t
- 30
- 99 000
- 5400
- 1300
- 1.5
- 60

## WEDNESDAY

- 3.05
- 1
- (a) 1700  
(b) 9800
- ÷
- 3 hours
- 5, 6
- 18, 45, 54, 63
- 17
- $\frac{4}{52}$
- rhombus
- 17 hours
- 20
- 4
- 2.4 kg
- false
- 0.5
- 54, 540
- \$3.75
- true
- 121 (odd)

## THURSDAY

- 12.10
- 24
- 351
- 36 hours
- 32, 36, 40, 44
- Teacher check
- 125, 250, 375
- ÷
- 5.5 cm
- $\frac{1}{5}, \frac{1}{4}, \frac{3}{5}, \frac{3}{4}$
- 42, even
- 1.8, 1.98
- \$11.40
- 2
- 16
- 17
- 15
- \$2.50
- $\frac{3}{6}$  or  $\frac{1}{2}$
- 14

## PROBLEM-SOLVING

Monday

- 19 t
- \$9500

Tuesday

- 30
- $30^\circ \div 5$


Wednesday

- 0.9
- 1.9

Thursday

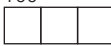
- 146
- \$28

## FRIDAY REVIEW

- 99 990
- 0.25
- 1700
- 70
- even
- 56
- 1.0
- 370
- ÷
- true
- 10 000
- 3
- 7 hundredths
- 40, 44, 48, 52
- 28
- 72
- 1.55
- 2 hours
- 6.8 km
- Teacher check
- no
- 10 hours
- 12 hours
- 
- $\frac{2}{6}$  or  $\frac{1}{3}$

## WEEK 9 – pages 26–28

## MONDAY

- 8.10
- 9 hours
- parallelogram
- 21, 35, 42
- 894
- 0.9
- 169
- 100
- 
- 300 000
- equilateral
- 1
- A, B, C, A, C, E
- $\frac{2}{6}$  or  $\frac{1}{3}$
- 400
- 65
- 2, 3, 5, 7, 11, 13
- 90
- 4700 m
- 140

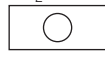
## TUESDAY

- 1.05
- 16, 160
- 6800
- 10
- 0.1, 0.91
- (a) 110  
(b) 110 000
- 170




- 6, 12
- 310
- $A = p, B = a$
- odd
- isosceles
- ÷
- 7
- 4
- 45
- triangular pyramid
- (a) 63  
(b) 81
- 20

## WEDNESDAY

- 6.55
- 4, 1
- 8
- false
- A – square  
B – rhombus
- 100 000
- 0.05
- 53 000
- $11\frac{1}{2}$  hours
- 
- 10
- 4
- $\frac{1}{4}, \frac{3}{4}$
- <10
- 4800 g
- 150
- 200, 400, 600, 800
- acute
- $\frac{2}{6}, \frac{2}{5}, \frac{2}{4}, \frac{2}{3}$
- 63

## THURSDAY

- 11.20
- \$12.50, \$12.50, \$12.50, \$12.50, \$50
- $\frac{1}{6}$
- 23 hours
- 1.6, 1.96
- 520
- 200 000
- 7.5 cm
- $\frac{2}{3}, \frac{2}{4}, \frac{1}{3}, \frac{1}{5}$
- 
- $\frac{4}{10}$
- 100 000
- 21
- 3 cm
- 100
- 42, 48, 54, 60
- 750
- 171
- 6
- 7000

## PROBLEM-SOLVING

Monday

- 15
- 45

Tuesday

- 1870
- 2030


Wednesday

- 21.25
- 127.5

Thursday


- \$20
- 3, 8

## FRIDAY REVIEW

- $\frac{2}{3}, \frac{1}{2}, \frac{1}{4}, \frac{1}{5}$
- $\frac{1}{6}$
- 151
- 1.2
- \$12.10
- 42 000
- \$57.50
- 30, 36, 42, 48
- 750, 1250
- false
- 10
- 100 000
- 0.7
- ÷
- 540
- 100 000
- <10
- 6.20
- equilateral
- 22 hours
- 2900 g
- 
- acute
- 25
- A + C

## WEEK 10 – pages 29–31


## MONDAY

- 24, 27, 30, 33
- 1000
- 0
- $3\frac{1}{2}$  or 3.5
- 30 March
- 25, 49, 64, 81
- 1.4
- 0.4
- 
- 7000
- $7 \times 14 = 98$
- 2100
- 0.6, 0.6, 0.08
- 4520
- (a)  $\frac{5}{10}$   
(b)  $\frac{9}{10}$
- 78
- 50, 75, 100, 125, 150, 175
- 360
- 9.9
- ×

## TUESDAY



- 10.10
- 30 June
- trapezium D

square A  
kite B  
rhombus C


- 2.35
- 5000
- 
- (a) 21  
(b) 21 000

- 3200
- 42 cm
- 40
- 28
- 4
- 5, 10
- odd
- pm
- 15, 30, 45
- 1.0
- 4.8 cm
- 10
- $\frac{7}{10}$

## WEDNESDAY

- 3.25
- 50 005
- 175
- 307 306
- 9000
- 3.8
- 49
- 
- 32
- 
- 25
- 5
- 3 July
- 40, 44, 48, 52
- 0.75
- 75 kg
- 3
- A \$30, B \$330
- 400
- \$24

## THURSDAY

- 9.10
- 
- 5
- 602 057
- 4
- 45 cm
- A = 285, B = 295,  
C = 310, D = 335
- 6200 kg
- 1.1
- square-based pyramid
- 50
- 7
- 5600
- (a)  $\frac{2}{6}$  or  $\frac{1}{3}$   
(b)  $\frac{1}{6}$   
(c)  $\frac{1}{2}$  or 0.5
- 140
- am





# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

**PROBLEM-SOLVING**

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

**FRIDAY REVIEW**

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


**WEEK 11 – pages 32–34**

**MONDAY**



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

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

**TUESDAY**

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

**WEDNESDAY**

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

**THURSDAY**


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

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

**PROBLEM-SOLVING**

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

**FRIDAY REVIEW**

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

**WEEK 12 – pages 35–37**

**MONDAY**

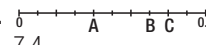
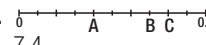
1. 6  
2. 4000  
3. 90 m  
4. 208  
5. 10 000  
6. 0.7  
7. 2  
8. 69  
9. 69  
10. 1.0, 0.37  
11. 10

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

4	3	8
9	5	1
2	7	6


18. 
19. 1074  
20. 2

**TUESDAY**

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

**WEDNESDAY**

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

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

**THURSDAY**

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

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

**PROBLEM-SOLVING**

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

**FRIDAY REVIEW**

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

**WEEK 13 – pages 38–40**

**MONDAY**

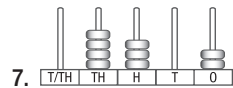
1. 7.00  
2. 1000  
3. rectangle, circle  
4. 26  
5. 7  
6. 5, 10, 15  
7.  $\frac{3}{5}$

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

## TUESDAY

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



7. 

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

2	9	4
7	5	3
6	1	8

11. 

6	1	8
---	---	---
12. 10.0
13.  $2\frac{1}{4}$
14. 9 hours
15. 1600
16. 108, 99, 90, 81
17. yes
18. 90
19. 99
20. 2, 4

## WEDNESDAY

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

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

## THURSDAY

1. 2
2. (a) 4 (b)  $\frac{4}{5}$
3. 1.3
4. hexagon, rectangle
5. 19 000
6. 175
7. 8.9
8. 7
9. 12 pm Sunday
10. **Σ**
11. 6.3
12. 1968
13. 23
14. \$50
15. north-east
16. 32
17. 2, 6
18. true
19. 50
20. 6.32

## PROBLEM-SOLVING

Monday

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

Tuesday

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

Wednesday

1. 

8	1	6
3	5	7
4	9	2

2. 

6	7	2
1	5	9
8	3	4

Thursday

1. 1750
2. 3260

## FRIDAY REVIEW

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

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

## WEEK 14 – pages 41–43

### MONDAY

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

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

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

### TUESDAY

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

2	9	4
7	5	3
6	1	8

3. 

2	9	4
7	5	3
6	1	8
4. 1300
5. 7620
6. true
7. 2000
8. triangular prism
9. 4700
10. 50 000

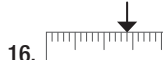


11. 6.4
12. 2 December
13. 10
14. 27
15. 16 000
16. 46.5
17. 5.72
18. 30°
20. acute

### WEDNESDAY

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

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



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

### THURSDAY

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



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

## PROBLEM-SOLVING

Monday

1. 150
2. 25

Tuesday

1. 16
2. 300

Wednesday

1. 25
2. 22

Thursday

1. 400
2. 35 hectares

## FRIDAY REVIEW

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

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



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

## WEEK 15 – pages 44–46

### MONDAY

1. pm
2. 10
3.  $3\frac{1}{5}, 3.2$
4. 50
5. **∞**
6. 10
7.  $\frac{2}{3}$
8. 4, 7
9. Teacher check

10. 18 April
11.  $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{2}{5}, \frac{3}{10}$
12. 12
13. 10
14. 1.5
15.  $\frac{1}{4} + \frac{1}{6}$
16. Western Australia
17. 2, 4, 5, 8, 10, 20



18. 25
19. 25
20. 2.4 or 2.5

### TUESDAY

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



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

### WEDNESDAY

1. am
2. 4, 40, 400
3. 60, 960
4. 3
5. 30 mm
6. 19 990
7.  $\frac{0.6}{10}$
8. **KU**

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

### THURSDAY

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



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

### PROBLEM-SOLVING

Monday

1. 30
2. 4

Tuesday

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

Wednesday

1. 5
2. 9

Thursday

1. 6, 5
2. 120

### FRIDAY REVIEW

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

17. 19
18. pyramid



- 19.

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

### WEEK 16 – pages 47–49

### MONDAY

1. 4
2. 180
3. 12
4. true
5. 1000
6. Tea 5, Juice 5, Coffee 10
7. 28
8. Teacher check



- 9.
10. 200
11.  $2\frac{3}{4}$
12. 1.2
13. 2.00 am
14. 3.30 pm
15. 165
16. 10 000
17. 72, 96
18. 400
19. 7
20. \$51

### TUESDAY

1. 12
- 2.
3. 230
4. 52, 76
5. 1400
6. 354
7. 9.9
8. parallelogram
9. Teacher check

10. 9850
11. 20 000
12. 2990
13. 16 kg
14. (a) 180  
(b) 171  
(c) 162
15. 70
16. 10
17. 2.84
18. 12
19. 150
20. square prism

### WEDNESDAY

1. 20
2. 370, 3970
3. 7

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

### THURSDAY

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

### PROBLEM-SOLVING

Monday

1. \$1, 10c
2. 7.60

Tuesday

1. 200
2. 25

Wednesday

1. 100
2. 80

Thursday

- 1.

- 2.

### FRIDAY REVIEW

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

11. 1490
12. 5980
13. 50
14. 52
15. 30
16. 9999
17. 115
18. 4
19. north-east
20. Teacher check
21. 4
22. 22
23. 7.4 km
24. 80 m<sup>2</sup>
25. 3000 m<sup>2</sup>

### WEEK 17 – pages 50–52

### MONDAY

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

### TUESDAY

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

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

### WEDNESDAY

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

7. (a) 900 (b) 891
8. 33
9. Tuesday
10. 2
11. 72
12. 99.8
13. 3
14. 100
15.  $\frac{1}{5}$ ,  $\frac{1}{3}$ ,  $\frac{3}{6}$ , 0.55, 0.75



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

### THURSDAY

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

### PROBLEM-SOLVING

Monday

1. 12
2. 42

Tuesday

1. Teacher check
2. 4

Wednesday

1. 5, 4
2. \$8

Thursday

1. 62.4
2. 9963

### FRIDAY REVIEW

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

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

- 48
- 34 672
- 10 000
- $A = 400$     $B = 800$
- 1.25
- Teacher check
- 25 hours
- 59 km
- 22

## WEEK 18 – pages 53–55

### MONDAY

- 2
- 1 May
- cone
- 66
- 3, 6, 9
- 9
- 93, 930
- 25
- rectangle-based pyramid
- (a) 450   (b) 441
- 25
- 1.2 m
- Teacher check
- $20 + 1 + 0.09$
- 90
- true
- 40, Teacher check
- 0.1 t
- 12, 24
- 3890

### TUESDAY


- 3
- 4.30 pm
- 5
- 40
- 35
- 9.5, 38
- $7 \times 8 = 56$
- 33
- 17
- 50%
- 6900
- $\div$
- Sunday
- 36, 45, 54, 63
- 22
- 30 June
- $2\frac{3}{8}$
- 0.82
- 58, 580
- 3 t

### WEDNESDAY

- \$2, \$1, 20c
- 125
- 21
- 20
- 127
- 9.9
- $\frac{1}{8}$
- 5500
- $2\frac{4}{5}$
- \$6.50
- 20 000

- 40, 80, 120, 160
- 5
- 7
- 2.5
- 0.93
- 9
- 4, 6, 8
- 12, 18, 24
- 360

### THURSDAY

- \$2, \$2, 5c
- 25
- 31 July
- 41
- H and D
- 23
- 0.8
- 35
- 4.73
- 
- odd
- 5
- 5
- 0.1 km
- 600
- 63
- 16, 58
- $6 \times 9 = 54$
- 2.0
- 9900

### PROBLEM-SOLVING

Monday

- $12 \times 5 = 60$
- 45

Tuesday

- 30
- 26


Wednesday

- No, the load is **300 kg** over
- 14, 9

Thursday

- 2750
- 151 750

### FRIDAY REVIEW

- 3
- 85
- $6 \times 9 = 54$
- 40
- $10 + 8 + 0.1 + 0.08$
- $3\frac{3}{5}$
- 4
- 250
- 225
- 10
- 61
- \$67.20
- 1500 m
- 0.49
- 20 000
- 2
- 31 May
- 1.4 m
- 

- Teacher check
- 4700
- 30
- Teacher check
- 200 kg
- $\frac{1}{8}$

## WEEK 19 – pages 56–58

### MONDAY

- 12.25
- 3500
- 30
- 31
- (a) 16   (b) 160
- 3700
- $2\frac{1}{4}$
- 6
- trapezium
- \$0.80 or 80c
- 7241
- 425
- 102, 108, 114, 120
- 2.9
- 7
- 360, 18, 378
- $16 \times 7 = 112$
- $\frac{6}{8}$
- 1.4
- 68 km

### TUESDAY

- am
- 97
- $\frac{6}{7}$
- \$5.20
- $\$20 - \$14.80 = \$5.20$
- A
- $\frac{1}{4}, \frac{5}{10}, 0.65, 0.8$
- 5.7
- 90
- north-west
- 0.75
- 366
- 40.9
- 409
- Teacher check
- (a) 290   (b) 261
- 18.7




- 15, 30, 45
- 0.9


### WEDNESDAY

- 12.10
- 9104
- 994
- $7\frac{6}{10}$
- 5000 L
- 23
- 4600
- 28 915
- 200, 400, 600
- south-west

8	1	6
3	5	7
4	9	2

- the number of people living in a town
- 40
- 6495
- 2300
- 
- 3.1
- extremely hot
- 3.0
- 325

### THURSDAY

- 8.50
- $\frac{1}{2}$  of \$1000
- 48
- (a) 25   (b) 80
- 3.4
- 870
- 99 000
- 160
- 9
- false
- 
- 66 km
- 9 t

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

- 1.9
- 8079
- 219
- 4.2
- 9
- 6, 5

### PROBLEM-SOLVING

Monday

- 4
- 4 and 5 visits

Tuesday

- 168
- 2:30 am

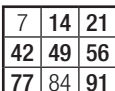
Wednesday

- 100, 20, 5
- \$12.50

Thursday

- 30
- 5


### FRIDAY REVIEW

- true
- 43
- 420, 21, 441
- 
- 8.9
- 90 000
- 211
- 50, 100, 150
- 270
- \$1.90


- 0.48
- $4\frac{5}{8}$
- 25 025
- 0.5
- 2749
- $4\frac{3}{10}$
- 9107
- 1.1
- 0.7
- 2030
- 6 t
- south-east
- 
- A
- 320

## WEEK 20 – pages 59–61

### MONDAY

- \$1, 50c, 20c, 20c
- 997
- 140 m
- 731
- 
- 1800
- 36
- 40 000
- 65°
- 150
- 13.5
- no
- Teacher check
- 900
- 1.8
- 170
- 250
- 32
- 120
- 2500

### TUESDAY

- \$2, 20c, 10c
- 35
- no
- 12.5
- 230
- 15.20
- 1080
- isosceles
- 7.3
- 8407
- rectangle
- 4.5
- 9
- 25
- \$25
- 60
- 120
- 0.5
- 250
- 0.25
- 

### WEDNESDAY




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



# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

### THURSDAY


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

### PROBLEM-SOLVING

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

### FRIDAY REVIEW

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

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

### WEEK 21 – pages 62–64

### MONDAY

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

### TUESDAY

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

### WEDNESDAY


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

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

### THURSDAY

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

### PROBLEM-SOLVING

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

### FRIDAY REVIEW

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

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

### WEEK 22 – pages 65–67

### MONDAY

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

### TUESDAY

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

### WEDNESDAY

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

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

### THURSDAY

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

### PROBLEM-SOLVING

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

### FRIDAY REVIEW

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

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS


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

## WEEK 23 – pages 68–70

### MONDAY

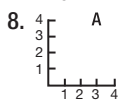
1. 2750
2. 197
3. 250 mL
4. 30 cm
5. 100
6. 1, 0.9, 0.5, 0.1
7. 200 000
8. 1.42, 142
9.  $7\frac{1}{2}$
10. 12:05 am
11. (a) 24 (b) 48
12. \$100
13. 10
14. 2, 3, 4, 6
15. 2.3
16. (1, 2)
17. 7
18. Answers will vary
19.  $60 \div 10 = 6$
20.  $\frac{4}{5}$

### TUESDAY

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

### WEDNESDAY

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

5. 450
6. 390
7. 120
8. 

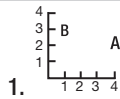
9. 9
10. 69.2



12.  $3\frac{3}{6}$
13.  $(80 \times 4) + (3 \times 4) = 320 + 12 = 332$

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

### THURSDAY

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

### PROBLEM-SOLVING

Monday

1. 2100
2. 2100

Tuesday

1. Teacher check
2. 17, 16

Wednesday

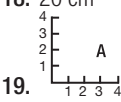
1. 24
2. 56

Thursday

1. 8:37 am
2. 11:37 pm

### FRIDAY REVIEW

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

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

## WEEK 24 – pages 71–73

### MONDAY

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


### TUESDAY

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

### WEDNESDAY

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

### THURSDAY

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

### PROBLEM-SOLVING

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



### FRIDAY REVIEW

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

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

## WEEK 25 – pages 74–76

### MONDAY

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

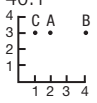
### TUESDAY

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

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

20. 125 g

**WEDNESDAY**

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

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

**THURSDAY**

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

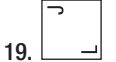
**PROBLEM-SOLVING**

- Monday
1. 40
  2. 5
- Tuesday
1. 76 m<sup>2</sup>
  2. 10 m
- Wednesday
1. 400
  2. 17, 14
- Thursday
1. 5
  2. 20

**FRIDAY REVIEW**

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


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



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

**WEEK 26 – pages 77–79**

**MONDAY**

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

**TUESDAY**

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

19. 237
20. 2

**WEDNESDAY**

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

**THURSDAY**

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

**PROBLEM-SOLVING**

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

**FRIDAY REVIEW**

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

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

**WEEK 27 – pages 80–82**

**MONDAY**


1. 11.50
2. 2.78
3. 


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

7	14	21	28	35
42	49	56	63	70

- 12.
13. \$3.10
14. 2.45 pm
15. 8
16. (a) 40 (b) 40
17. Teacher check
18. square-based pyramid
19. 8
20. 5

**TUESDAY**

1. \$2, \$2, 50c, 20c, 5c
2. 1.0
3. 9.05 am
4. true
5. 20.0 
6. 370
7. true
8. 30 000
9. Adelaide 2.45 pm  
Perth 4.45 pm  
Melbourne 4.15 pm
10. 10
11. ÷

12. 
13.  $\frac{2}{8}$  or  $\frac{1}{4}$  or 0.25 or 25%
14. 3
15. ●★

16. 75
17. 2, 3, 4, 6, 8, 12
18. 950 000
19. pentagonal prism
20. 7

**WEDNESDAY**

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

**THURSDAY**

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

**PROBLEM-SOLVING**

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

**FRIDAY REVIEW**

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

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS


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

## WEEK 28 – pages 83–85

### MONDAY

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

### TUESDAY

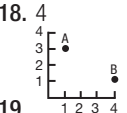
- 275
  - 294
  - 0.75
  - 54
  - 2.3
- 
- 42
  - rectangle
  - 100
  - 464
  - odd
  - 046
  - 45
  - 12, 24, 36
  - 40, 4, 280, 28, 308
  - 4.0
  - 8991

- 2099
- Teacher check
- Teacher check

### WEDNESDAY

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

### THURSDAY

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

### PROBLEM-SOLVING

Monday

- 25
- $5 \times 0.1$   
 $5 \times 10$   
 $5 \times 100$

Tuesday

- $70 \div 0.1$   
 $70 \times 1$   
 $70 \div 10$

- 56

Wednesday

- \$145
- =

Thursday

- 7, 8
- 4, 9

### FRIDAY REVIEW

- 475

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

## WEEK 29 – pages 86–88

### MONDAY

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

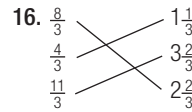
### TUESDAY

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

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

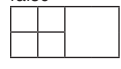
### WEDNESDAY

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



- 12
- 30
- 40
- \$25

### THURSDAY

- 7
  - 16
  - false
- 
- $\frac{7}{4}$ ,  $\frac{11}{5}$ ,  $\frac{11}{4}$  on the left;  $2\frac{1}{5}$ ,  $2\frac{3}{4}$ ,  $1\frac{3}{4}$  on the right. Lines connect 7/4 to 2 1/5, 11/5 to 2 3/4, and 11/4 to 1 3/4.
  - 1200
  - 350
  - 10.0
  - 2, 7
  - 8, 0.8
  - 10
  - 18
  - Teacher check
  - 2, 7
  - 32
  - 13 083
  - 1600
  - 1 100 000
  - 312, 304, 296
  - A

### PROBLEM-SOLVING

Monday

- 84 m
- 60 m<sup>2</sup>

Tuesday

- 48
- \$360

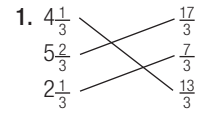
Wednesday

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

Thursday

- 3 avocados priced at \$8.25
- 23

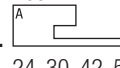
### FRIDAY REVIEW



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

## WEEK 30 – pages 89–91

### MONDAY

- 1810
  - 23
  - 2, 3, 4, 6
  - 2, 2
  - 6295
  - 365
  - 60
  - 100 000
  - no
  - 20 000
  - false
  - $4\frac{4}{5}$ ,  $3\frac{3}{5}$ ,  $5\frac{1}{5}$  on the left;  $2\frac{6}{5}$ ,  $2\frac{4}{5}$ ,  $1\frac{8}{5}$  on the right. Lines connect 4 4/5 to 2 6/5, 3 3/5 to 1 8/5, and 5 1/5 to 2 4/5.
  - 46
  - 165
- 
- 24, 30, 42, 54
  - 49 490
  - odd
  - 190 km
  - 95 km

### TUESDAY

- 6
- $10 \times 0.1$ ,  $10 \times 0.01$ ,  $10 \times 0.001$  on the left; 0.01, 1.0, 0.1 on the right. Lines connect 10 x 0.1 to 1.0, 10 x 0.01 to 0.1, and 10 x 0.001 to 0.01.
- 310
- 4.0
- 121
- 3.2
- 25

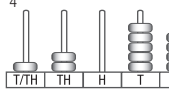
# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

### WEDNESDAY

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

### THURSDAY

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

### PROBLEM-SOLVING

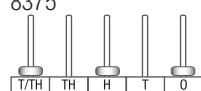



Monday

1. yellow 0.2  
red 0.3  
green 0.4

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

1. \$60
2. \$7.50

### FRIDAY REVIEW

1. 1996
2. 8375
3. 
4.  $8 \times 1000$
5. 210
6. 64 000
7. \$12.50
8. 4.5
9. 128
10. 6
11. 89
12. 0.3
13. 784
14. 18.9
15. 8740
16. 20 000
17.  $\frac{4}{5}$  or  $\frac{1}{2}$
18.  $\frac{365}{5}$
19. octagon  

20. 
21. 
22. 45
23. 180 km
24. 90 km
25. 9, 10, 9

### WEEK 31 – pages 92–94

#### MONDAY

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

### TUESDAY

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

### WEDNESDAY

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

### THURSDAY

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


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

### PROBLEM-SOLVING

Monday

1. 300
2. 171 500  
Tuesday
1. 9, 6  
Wednesday
2. \$1500  
Thursday

### FRIDAY REVIEW

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

### WEEK 32 – pages 95–97

#### MONDAY


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

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

### TUESDAY

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

### WEDNESDAY


1. Teacher check
2. 823
3. 32, 64
4. 308 000
5. 9
6. 73.25
7. \$20 each
8.  $\frac{1}{8}$ ,  $\frac{1}{5}$ ,  $\frac{1}{3}$ ,  $\frac{1}{2}$
9. 
10. 3, 7
11. 6.7
12. 6
13. 18
14.  $1\frac{1}{4}$
15. 75
16. 8 cm<sup>3</sup>
17. 400
18. 0.25
19. 1550
20. 85

### THURSDAY

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

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS



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

## PROBLEM-SOLVING

Monday

1. 15  
 2. 16

Tuesday

1. \$50  
 2. 5000 g

Wednesday


1. 160  
 2. 7, 8

Thursday

1. 21 April, 19:00  
 2. 1415

## FRIDAY REVIEW

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

20. 61  
 21. 12  
 22.   
 23. Teacher check  
 24. A  
 25. 100% or *certain* or 1.0

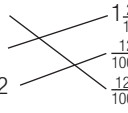
## WEEK 33 – pages 98–100

### MONDAY


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

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

### TUESDAY

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




17.   
 18. 6  
 19. 0.5  
 20. 0.01

### WEDNESDAY

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

### THURSDAY

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

## PROBLEM-SOLVING

Monday

1. \$8  
 2. 8

Tuesday

1. 45 km  
 2. 8

Wednesday

1. 30  
 2. \$75

Thursday

1. 168 cm  
 2. Albany, Roma

## FRIDAY REVIEW

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

## WEEK 34 – pages 101–103


### MONDAY

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


### TUESDAY

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




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



9.   
 10. 11  
 11. 62.93  
 12. 850  
 13. square  
 14. 9  
 15. 6.74  
 16. pentagon – C  
 hexagon – B  
 octagon – A


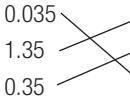
17.  $1\frac{1}{5}$   
 18. 10.1  
 19. 0  
 20. 180

### WEDNESDAY

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

16. 0.5 or  $\frac{1}{2}$   
 17. 250  
 18. 625 m<sup>2</sup>  
 19. 30  
 20. 18

### THURSDAY

1. \$7.90  
 2. 25  
 3. 5  
 4. 1  
 5. 8 am  
 6. 3, 9, 27  
 7. 75c  
 8. 8.85  
 9. 1500  
 10.   
 11. 0.78  
 12.  $\frac{1}{8}$   
 13. B  
 14. 2  
 15. Teacher check  
 16.  $\frac{7}{10}$   
 17. 0.035   
 18. 973  
 19.  $1\frac{1}{4}$   
 20.  $7\frac{2}{3}$

## PROBLEM-SOLVING

Monday


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

Tuesday

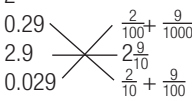
1. \$6.25  
 2. 18  
 Wednesday

1. 8:15 pm  
 2. 2050 g



Thursday

1. Teacher check  
 2. 

## FRIDAY REVIEW

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

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS


18.   
 19. acute  
 20. 31 July  
 21. Teacher check  
 22.  $360^\circ$   
 23. 40  
 24.   
 25. 8

## WEEK 35 – pages 104–106

### MONDAY


- 1100
- 1.8
- 30 000
- 10.0
- 800 729
- 29
- A and B
- $9\frac{2}{5}$
- 2
- 14
- 15 396
- 5
- 30
- true
- yes
- no
- triangular pyramid
- 114
- 464, 496
- 3 tulips for \$19.50

### TUESDAY

- 1000
- 4.1
- 909 009
- $1\frac{1}{5}$
- 2
- 9.282
- 15
- 150
- 
- 6
- 25 minutes
- 1.1
- 120
- Teacher check
- 0.3 seconds
- $3\frac{2}{3}$
- 0.7
- 24, 12, 8, 6
- $95\frac{1}{2}$
- 68

### WEDNESDAY


- $9\frac{2}{6}$
- 477
- 24.47
- $\frac{5}{10}$
- A
- 4
- 250
- 8t

- 303 303
- 0.4
- hexagon
- 200, 10, 4, 214
- 325
- 50
- 24
- 
- 67.5
- \$150
- 0.2
- 400 000

### THURSDAY

- 1100
- 0.011
- 2 800 000
- 81, 90, 108
- 89.55
- $\frac{2}{3}$
- $\frac{6}{8}$
- 0.6
- 621
- 450
- 1 in 2 or  $\frac{1}{2}$ , or 50%  
or 0.5
- 30
- 4
- 60 m<sup>2</sup>
- Teacher check
- $5\frac{4}{6}$  or  $5\frac{2}{3}$
- $4\frac{3}{8}$
- 0.88
- $24 \div 8 = 3$
- 9 909 019

### PROBLEM-SOLVING

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

5	8
17	12

### FRIDAY REVIEW

- 1030
- 623
- $2\frac{4}{8}$
- 6
- 8.23
- 0.2
- 7100
- 600
- $7\frac{2}{4}$  or  $7\frac{1}{2}$
- 76.5
- 97 611
- 40
- 4
- $2\frac{2}{6}$

- 10 000 110
- 18
- 26.5
- 180 000
- 60 m
- 4
- 9
- A is 3D  
B is 2D
- 28
- 30
- Teacher check

## WEEK 36 – pages 107–109


### MONDAY

- 90
- 52.35
- 7
- Teacher check
- 585, 615
- 87 100
- 87 000
- 340 827
- 56
- 7
- 400 kg
- $3\frac{1}{2}$
- 100 099
- true
- $\frac{1}{5}$
- 16 cm<sup>3</sup>
- 9215
- $\frac{2}{3}$
- 100, 44, 36, 28
- 68

### TUESDAY


- 350
- 3
- 64
- $\frac{24}{27}, \frac{8}{9}$
- 70 000
- 1.07
- 0.6
- 470
- $5\frac{1}{2}$
- 7800
- \$250
- 8.33, 8.48
- 3
- 0.279
- $\frac{1}{4}$
- \$2.50
- 0.4
- 3.8
- 16
- 85.5

### WEDNESDAY

- 
- 7.0
- 40
- 800
- $90^\circ$
- false
- 72
- three ice creams for

- \$14.50
- true
- 1 010 011
- 5 000 050
- 7.21, 7.35
- 2.7
- $\frac{1}{6}, \frac{5}{8}$
- \$4.50
- 2.1
- west
- 120
- DCA

### THURSDAY

- 30
- $\div$
- B
- 
- 40
- $3\frac{1}{2}$
- 4.06
- 36.52
- true
- 10.57, 11.21, 11.33
- 84
- odd
- 50 m
- 432
- $\frac{4}{5}$
- false
- 1200
- 90
- January, February
- July, May

### PROBLEM-SOLVING

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


### FRIDAY REVIEW

- 671
- $1\frac{2}{5}$
- 3
- 29 768
- $2\frac{1}{2}$
- $\frac{3}{4}$
- 0.365
- 112
- 82
- $\frac{1}{8}$
- \$5.50
- $5\frac{2}{4}$
- 80 000
- 17, 2
- \$7.50
- 4 roses for \$28.74
- $\div$


- 1028
- 800
- 50
- 136
- February, July,  
September, November
- June
- November
- March, December

## WEEK 37 – pages 110–112

### MONDAY

- 58
- 72
- 36 cm
- 64
- \$5.50
- $1\frac{3}{4}$
- 27.3
- 0.273
- 
- $\frac{2}{3}$
- 1 000 000
- 2200
- $7 \times 8 = 56$
- 32
- 1.5
- 67 000
- 560
- A = 12, B = 12,  
C = 12, D = 12
- (a) north-west  
(b) south-east
- (a) north-east  
(b) south-west

### TUESDAY

- 71
- 6072
- 3.972
- 
- $\frac{8}{10}$
- A = 6, B = 5, C = 8
- Teacher check
- 53
- \$9.50
- 60, 75
- 100 000
- Teacher check
- 2
- 3
- 40
- 61 100
- 1100
- 3 m
- 4 m
- 34 m

### WEDNESDAY

- 34
- 997
- 60
- false
- 27
- 182
- 96

# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

## THURSDAY

- 104
- $\frac{1}{4}$
- triangular pyramid
- 96
- $1\frac{2}{4}$
- 61
- 42
- 702
- June, July, August
- $\frac{2}{4}, \frac{4}{8}$
- 130
- 70, 77
- 55c
- 49
- (a) 18 (b) 0.18
- 109 099
- $\frac{1}{5}, \frac{1}{10}, \frac{1}{2}, \frac{5}{8}, \frac{2}{3}$
- 0.8, 1.1, 2,  $2\frac{1}{2}$
- Red is the least likely colour
- (a)  $\frac{2}{10}$  or  $\frac{1}{5}$   
(b)  $\frac{3}{10}$   
(c)  $\frac{9}{10}$  or  $\frac{1}{2}$

## PROBLEM-SOLVING

Monday

- \$2200
- Teacher check

Tuesday

- 8
- 6

Wednesday

- 50
- 150

Thursday

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

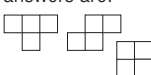
## FRIDAY REVIEW

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

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


## WEEK 38 – pages 113–115

### MONDAY

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


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


### TUESDAY

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

## WEDNESDAY

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

## THURSDAY

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

## PROBLEM-SOLVING

Monday

- \$3.60
- 200



Tuesday

- Teacher check
- 40 kg

Wednesday


- 1.6
- 3.8

Thursday

- 
- 

## FRIDAY REVIEW

- 147
- 0.414
- 8173


- 236
- 0.33
- 2.49
- true
- 100
- 105 000
- 0.95
- 32 750
- $\frac{2}{3}$
- 1.04
- true
- B
- 2, 570
- 8.30 am
- A = 975, B = 995
- 
- 10.30 pm
- 12
- A
- 8
- 50 mm
- 0.5

## WEEK 39 – pages 116–118

### MONDAY



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

### TUESDAY

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

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

## WEDNESDAY

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

## THURSDAY

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

## PROBLEM-SOLVING

Monday

- 88, 36
- 13, 5

Tuesday

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

Wednesday

- triangle
- triangular pyramid

Thursday


- 15
- 11

## FRIDAY REVIEW

- 2150
- 8.097
- 16
- 30.76
- 200




# NEW WAVE MENTAL MATHS (BOOK E) – ANSWERS

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

## WEEK 40 – pages 119–121

### MONDAY

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

### TUESDAY

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



- 13.
14. 11.00 pm
15. 7089


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

### WEDNESDAY

1. Teacher check
2. 

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

### THURSDAY

1. 0.46  $\begin{matrix} \diagdown & 4 + \frac{6}{10} \\ \diagup & \frac{4}{100} = \frac{6}{1000} \\ \diagdown & \frac{4}{10} + \frac{6}{100} \end{matrix}$
2. 72
3. 
4. isosceles
5.  $7\frac{2}{3}$
6. 11 000
7. 12, 24, 42
8. 1200
9. 0.2
10.  $2\frac{3}{5}$
11. 0.064
12. 25
13. 14070
14. 891
15. 20 000
16. 7
17. 0.94
18. 800 m<sup>2</sup>
19. 260 m
20. 1800 m<sup>2</sup>

### PROBLEM-SOLVING

Monday

1. Teacher check
2. 500

Tuesday

1. 50
2. 150°

Wednesday

1. 5
2. 90

Thursday

1. Teacher check
2. Teacher check

### FRIDAY REVIEW

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