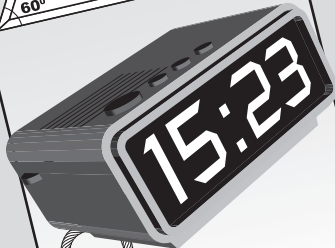
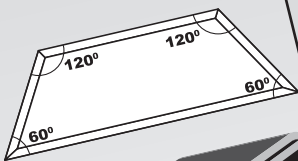
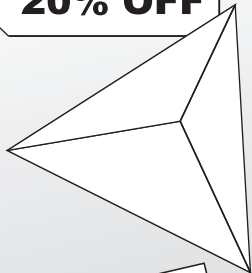


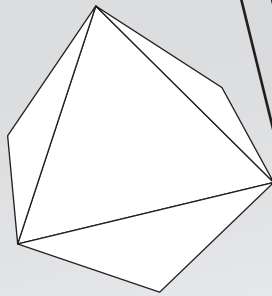
# New wave mental maths



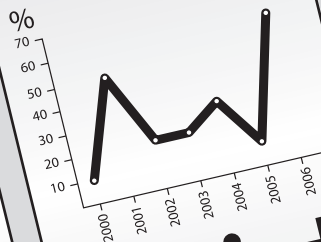
**SALE**  
20% OFF



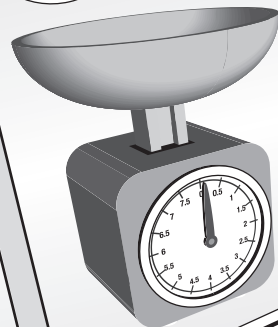
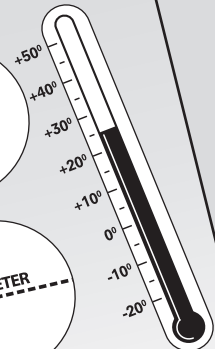
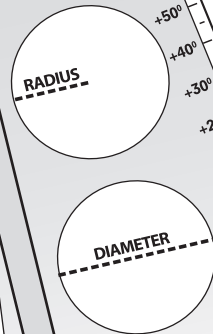
Area?  
Perimeter?



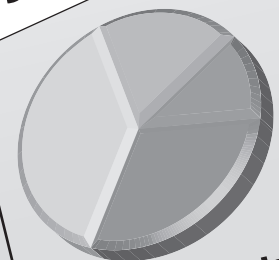
$4^2 = 4 \times 4 = 16$



$\frac{1}{4}$	0.25	25%
$\frac{1}{3}$	0.33	33%
$\frac{1}{2}$	0.5	50%
$\frac{3}{4}$	0.75	75%



$+5 + 7 = \square$



Eddy Krajcar



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# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

## WEEK .....1

### NUMBER

Place value  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Prime numbers  
Square numbers

### SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Angles

### MEASURES

Length  
Time (24-hour clock)  
Money

## WEEK .....2

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Prime numbers  
Square numbers

### SHAPE AND SPACE

2-D shape  
Angles

### MEASURES

Length  
Time (24-hour clock)  
Money

## WEEK .....3

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime numbers  
Square numbers

### ALGEBRA

Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Angles

### MEASURES

Area/Perimeter

Time (24-hour clock)  
Money

## WEEK .....4

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime numbers  
Square numbers

### ALGEBRA

Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Symmetry  
Angles

### MEASURES

Length  
Time (24-hour clock)  
Money

## WEEK .....5

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Prime numbers  
Square numbers

### ALGEBRA

Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Angles

### MEASURES

Length  
Weight  
Time (24-hour clock)  
Money

## WEEK .....6

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division

Fractions  
Decimals  
Percentages  
Prime numbers  
Square numbers

### ALGEBRA

Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Angles

### MEASURES

Length  
Weight  
Time (24-hour clock)  
Money

## WEEK .....7

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Composite numbers  
Square numbers

### ALGEBRA

Positive and negative numbers  
Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Symmetry  
Angles

### MEASURES

Area/Perimeter  
Weight  
Time (24-hour clock)

### DATA

Chance

## WEEK .....8

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Composite numbers  
Square numbers  
Factors  
Multiples

### ALGEBRA

Positive and negative numbers

# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

Number patterns

## SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Symmetry  
Angles

## MEASURES

Length  
Area/Perimeter  
Time (24-hour clock)  
Money

**WEEK .....9**

## NUMBER

Place value  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Composite numbers  
Square numbers  
Factors  
Multiples

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Angles  
Lines (parallel/vertical/horizontal)

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (24-hour clock)

## DATA

Chance

**WEEK .....10**

## NUMBER

Place value  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers  
Factors  
Multiples

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Symmetry  
Angles  
Lines (horizontal/vertical/parallel)

## MEASURES

Length  
Area/Perimeter  
Time (24-hour clock)

**WEEK .....11**

## NUMBER

Place value  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers  
Factors  
Multiples

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Angles  
Lines (parallel/horizontal/vertical)

## MEASURES

Area/Perimeter  
Time (24-hour clock)

## DATA

Chance

**WEEK .....12**

## NUMBER

Place value  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers  
Factors  
Multiples

## ALGEBRA

Positive and negative numbers  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation

Nets  
Angles

## MEASURES

Area/Perimeter  
Time (24-hour clock)

## DATA

Chance

**WEEK .....13**

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers  
Factors  
Multiples

## ALGEBRA

Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Nets  
Angles  
Lines (parallel)

## MEASURES

Area/Perimeter  
Time (24-hour clock)

## DATA

Chance

**WEEK .....14**

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers  
Factors  
Multiples

## ALGEBRA

Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Nets  
Angles

# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

## MEASURES

Area/Perimeter  
Time (24-hour clock)

## DATA

Chance

## WEEK .....15

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers  
Factors  
Multiples

## ALGEBRA

Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Nets  
Angles

## MEASURES

Area/Perimeter  
Time (24-hour clock)

## DATA

Chance

## WEEK .....16

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Nets  
Angles

## MEASURES

Area/Perimeter  
Capacity  
Time (24-hour clock)  
Money

## DATA

Chance

## WEEK .....17

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers  
Factors

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Nets  
Angles

## MEASURES

Area/Perimeter  
Capacity  
Time (24-hour clock)  
Money

## DATA

Reading pictograms  
Averages  
Chance

## WEEK .....18

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Symmetry  
Angles

## MEASURES

Area/Perimeter  
Capacity

Time (24-hour clock)

Money

## DATA

Averages  
Chance

## WEEK .....19

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

## ALGEBRA

Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Symmetry  
Angles

## MEASURES

Area/Perimeter  
Capacity  
Time (24-hour clock)  
Money

## DATA

Averages  
Chance

## WEEK .....20

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Symmetry  
Angles

## MEASURES

Area/Perimeter  
Capacity

# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

Time (24-hour clock)  
Money

## DATA

Reading pictograms  
Chance

**WEEK** .....21

## NUMBER

Place value  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers  
Factors  
Multiples

## ALGEBRA

Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Symmetry  
Nets  
Angles

## MEASURES

Area/Perimeter  
Time (24-hour clock)  
Money

## DATA

Reading bar charts  
Averages  
Chance

**WEEK** .....22

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Symmetry  
Nets  
Angles

## MEASURES

Length  
Area/Perimeter

Time (24-hour clock)  
Money

## DATA

Averages  
Chance

**WEEK** .....23

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Symmetry  
Nets  
Angles

## MEASURES

Length  
Area/Perimeter  
Time (24-hour clock)  
Money

## DATA

Reading bar charts  
Averages  
Chance

**WEEK** .....24

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Symmetry  
Angles

## MEASURES

Area/Perimeter  
Weight  
Time (24-hour clock)  
Money

## DATA

Chance

**WEEK** .....25

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Symmetry  
Nets  
Angles

## MEASURES

Area/Perimeter  
Time (24-hour clock)  
Money

## DATA

Reading pie charts

**WEEK** .....26

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers

## ALGEBRA

Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Symmetry  
Angles

## MEASURES

Area/Perimeter  
Time (24-hour clock)  
Money

## DATA

Reading pie charts  
Chance

# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

## WEEK .....27

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers  
Prime/Composite numbers

### ALGEBRA

Number patterns  
Equations

### SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Angles

### MEASURES

Length  
Money

### DATA

Averages  
Chance

## WEEK .....28

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages

### ALGEBRA

Number patterns  
Equations

### SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Nets  
Angles

### MEASURES

Area/Perimeter  
Time (24-hour clock)  
Money

### DATA

Reading pie charts  
Averages  
Chance

## WEEK .....29

### NUMBER

Place value  
Rounding

Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers

### ALGEBRA

Equations

### SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Nets  
Angles

### MEASURES

Length  
Area/Perimeter  
Time (24-hour clock)  
Money

### DATA

Averages

## WEEK .....30

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

### ALGEBRA

Equations

### SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Symmetry  
Nets  
Angles

### MEASURES

Area/Perimeter  
Time (24-hour clock)  
Money

### DATA

Averages  
Chance

## WEEK .....31

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division

Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers

### ALGEBRA

Number patterns  
Equations

### SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Symmetry  
Nets  
Angles

### MEASURES

Area/Perimeter  
Weight  
Time (24-hour clock)  
Time (reading timetables)  
Money

### DATA

Chance

## WEEK .....32

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

### ALGEBRA

Equations

### SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Nets  
Angles

### MEASURES

Area/Perimeter  
Weight  
Capacity  
Time (24-hour clock)  
Time (reading timetables)  
Money

## WEEK .....33

### NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals

# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

Percentages  
Prime/Composite numbers  
Square numbers

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Nets  
Angles

## MEASURES

Area/Perimeter  
Weight  
Time (24-hour clock)  
Money

**WEEK** .....34

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Symmetry  
Nets  
Angles

## MEASURES

Area/Perimeter  
Weight  
Money

## DATA

Reading pie charts  
Chance

**WEEK** .....35

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Nets  
Angles

## MEASURES

Area/Perimeter  
Weight  
Time (24-hour clock)  
Time (calculations)  
Time (reading timetables)  
Money

## DATA

Chance

**WEEK** .....36

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Nets  
Angles

## MEASURES

Time (calculations)  
Money

## DATA

Reading bar charts  
Chance

**WEEK** .....37

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Square numbers

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Angles

## MEASURES

Area/Perimeter  
Time (24-hour clock)  
Money

## DATA

Chance

**WEEK** .....38

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Nets  
Angles

## MEASURES

Area/Perimeter  
Capacity  
Time (24-hour clock)  
Time (calculations)  
Time (reading timetables)  
Money

## DATA

Averages

**WEEK** .....39

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Square numbers



# CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Book

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Properties of a circle  
Tessellation  
Symmetry  
Nets

## MEASURES

Area/Perimeter  
Weight  
Time (24-hour clock)  
Time (calculations)  
Money

## DATA

Averages  
Chance

**WEEK** .....40

## NUMBER

Place value  
Rounding  
Number facts – addition  
Number facts – subtraction  
Number facts – multiplication  
Number facts – division  
Fractions  
Decimals  
Percentages  
Prime/Composite numbers  
Factors/Multiples

## ALGEBRA

Positive and negative numbers  
Number patterns  
Equations

## SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Symmetry  
Nets  
Angles

## MEASURES

Time (24-hour clock)  
Time (calculations)  
Money

## DATA

Averages  
Chance

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 1 pages 2 – 3

### Monday

- 2 a.m.
- 800
- 2
- 2100
- 4 apples
- 1500
- 5
- true
- regular
- ruler
- A
- 10 000
- 5
- $\frac{1}{2}$
- 4
- 10 001
- cone
- £8.75
- 16
- right

### Tuesday

- 8 a.m.
- 3
- £9.00
- acute
- 1375
- 3500
- 9 sweets
- 11
- triangular prism
- 12 010
- 9
- $\frac{3}{4}$
- trundle wheel
- 250
- parallelogram
- true
- 2800
- 15 050
- no
- 405

### Wednesday

- 3 p.m.
- 4 bananas
- 3
- 1425
- $\square$
- 4500
- £9.80
- reflex
- 13
- metre stick
- 21 001
- irregular
- 25

14. 2400

- $\frac{4}{6}$
- 3401
- 625
- false
- 36
- 16

### Thursday

- 6 p.m.
- 34 011
- $\square$
- 3
- 1355
- 16
- 17
- 160
- 140
- regular
- trundle wheel
- 2700
- 12 drinks
- 5 cm
- £16.95
- $\frac{3}{6}$
- 54 009
- false
- obtuse
- regular

### Friday test – page 82

- 7 a.m.
- 1600
- 2100
- 8 sweets
- 13
- $\square$
- 150
- cm
- $\frac{3}{4}$
- 5 cm
- £9.70
- regular
- 16
- reflex
- Y
- 15 010
- triangular prism
- 3
- parallelogram
- 12 250
- 14
- 340
- 7
- acute
- true

## WEEK 2 pages 4 – 5

### Monday

- 4 a.m.
- 12 041
- 1180
- irregular
- 3600
- 4 pens
- 11 101
- 10
- $\square$
- 8 r 1
- 100
- false
- 7
- 23
- acute
- £9.90
- trapezium
- $\frac{1}{2}$
- 415
- 1200

### Tuesday

- 2 p.m.
- £9.60
- 3200
- 1657
- 60 700
- 73 111
- 5 balls
- $\square$
- 16
- 19
- 10 r 3
- 3000
- 9
- ruler
- rhombus
- true
- 10
- reflex
- 250
- 1800

### Wednesday

- 10 a.m.
- 9
- 1465
- metre stick
- 92 100
- irregular
- 25
- 3 pears
- 17
- $\square$
- right
- 17 r 3
- 4

14. 54 045

- $\frac{3}{8}$
- 2400
- false
- a scalene triangle
- £17.00
- 350

### Thursday

- 5 p.m.
- regular
- 1385
- £17.45
- $\frac{4}{5}$
- 3 toys
- 13
- 97 009
- 36
- $\square$
- 75
- obtuse
- 7
- an equilateral triangle
- trundle wheel
- 84 520
- 1800
- 15 r 4
- false
- 345

### Friday test – page 82

- 3 p.m.
- 48 305
- 1070
- regular
- 4500
- 2 pens
- 8
- 9
- 23
- 450
- false
- obtuse
- 36
- equilateral triangle
- 7 r 2
- 9
- 240
- 27 101
- £8.70
- trapezium
- $\square$
- 250
- rhombus
- $\frac{1}{4}$
- ruler

## WEEK 3 pages 6 – 7

### Monday

- 9 a.m.
- 1510
- $\square$
- $\frac{2}{6}$
- 10
- no
- 37 109
- 1
- rectangular/square
- 2
- 450
- 11 r 3
- 1
- 1.3
- true
- 10 books
- £28.30
- 7 p.m.
- 75
- true

### Tuesday

- 7 p.m.
- 1375
- £29.30
- $\frac{5}{8}$
- 9
- 14 r 1
- 100
- 13
- 28
- $\square$
- 79 119
- 560
- 1.0
- Teacher check
- 90
- false
- 4 pies
- true
- reflex
- 4

### Wednesday

- 10 p.m.
- 2100
- 3333
- regular
- $\square$
- 6 r 2
- 23
- 4
- 5 toys
- 9
- 20
- 94 019
- 0.9

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. acute
15. 360
16. parallelogram
17. £39.05
18. pentagonal pyramid
19. true
20. 1 a.m.

## Thursday

1. 7 a.m.
2. false
3. 3 p.m.
4. 1800
5. 5
6. 12 r 1
7. 17
8. 7 sweets
9. reflex
10. regular
11. 9
12. 62 001
13. 400
14. pentagonal prism
15. 1.2
16. Teacher check
17. £26.15
18. true
19. 32
20. 5003

## Friday test – page 83

1. 8 p.m.
2. 9
3. 9 r 3
4. 1510
5. 12 a.m.
6. 22
7. 9 p.m.
8.  $\frac{2}{5}$
9. true
10. pentagonal prism
11. 350
12. 17
13. 5 books
14. £10.15
15. parallelogram
16. 365
17. square pyramid
18. 430
19. false
20. Teacher check
21. 91 011
22.  $\square$
23. 100
24. 1.0
25. 3-D

## WEEK 4 pages 8 – 9

### Monday

1. 0900
2. 5675
3. obtuse
4. 710
5. 3 p.m.
6. 4 r 1
7. 71 010
8. 9
9. 36
10. cm
11. 240
12. right
13. 10
14. true
15. 7
16. 3.1
17.  $\square$
18. 14
19. £2.20
20. 8 sweets

### Tuesday

1. 0400
2. 4500
3. 1 p.m.
4. 12
5. 3955
6. 5 r 5
7. 80 101
8.  $\square$
9. 14
10. 19
11. false
12. 630
13. 18
14. isosceles
15. 405
16. m
17. £6.80
18. £31.70
19. no
20. right

### Wednesday

1. 1400 hours
2. 3964
3. 11
4. 15
5.  $\square$
6. 7 r 4
7. 1.0
8. 25
9. 1790
10. triangular pyramid
11. right
12. km
13. 79 909

14. 13
15. £37.15
16. no
17. true
18. 3 stickers
19. 415
20. false

### Thursday

1. 2200 hours
2. 5905
3. triangular prism
4. £33.65
5. 12
6. true
7. 16
8. 6 r 6
9. acute
10. 23
11. reflex
12. 99 901
13. true
14. 4200
15. 6.00 p.m.
16. 1
17. mm
18. 7
19. 298
20. false

## Friday test – page 83

1. 1900 hours
2. 8 r 5
3. 6985
4. right
5. triangular pyramid
6. 320
7. km
8. true
9. 5.00 p.m.
10. £6.50
11. right
12. 14
13. 17
14. heptagon
15. 820
16. 1.0
17. 215
18. 81 515
19. 6 cakes
20.  $\square$
21. isosceles
22. 10
23. true
24. pentagonal pyramid
25. £36.80

## WEEK 5 pages 10 – 11

### Monday

1. 0600
2. 8417
3. triangular pyramid
4. 680
5. 7
6. 2.5
7. 3 r 6
8. 4.75
9. 49
10. 75
11. 97 011
12. true
13. yes
14. 17
15. 2400
16. bathroom
17. obtuse
18. 9 p.m.
19. £5.90
20. cm

### Tuesday

1. 1900
2. 5733
3. 2100
4. 8
5. 3.25
6. 5 r 2
7.  $3\frac{1}{2}$
8. kitchen
9. rhombus
10. 6
11. 11
12. 25
13. m
14. yes
15. 780
16. acute
17. 83 005
18. £2.50
19. 4.00 a.m.
20. 5

### Wednesday

1. 1100 hours
2. 1540
3. 5955
4. 10
5. bathroom
6. no
7. 6 r 2
8. parallelogram
9. true
10. 29
11. 0
12. 5.5
13. mm

14. 5600
15. 63 055
16. octagon
17.  $4\frac{1}{2}$
18. false
19. 11
20. 12.30 a.m.

### Thursday

1. 2000 hours
2. 1380
3. rectangular/square
4. 11
5. 5
6. 8 r 6
7. false
8. 8659
9. 1.2
10. kitchen
11.  $\frac{22}{5}$
12. km
13. 49
14.  $\square$
15. 8 p.m.
16. yes
17. 70 505
18. 26
19.  $\frac{3}{2}$
20. false


## Friday test – page 84

1. 1600 hours
2. 9
3. 7516
4. 5
5. 20
6. triangular pyramid
7. 970
8. 12:10 a.m.
9. no
10. 5 r 5
11. 49
12. 19
13. 1600
14. false
15.  $\frac{3}{2}$
16.  $\square$
17. trapezium
18. 69 090
19. 3.2
20. kitchen
21. right
22. £1.50
23. cm
24. 11
25. nonagon


# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 6 pages 12 – 13

### Monday

1. 4 a.m.
2. 10 715
3. 2
4. 9
5. 160
6. 11
7.  $\frac{7}{2}$
8. kg
9. Teacher check
10. 23
11.  $1\frac{2}{3}$
12. true
13. 64
14. 1.01 a.m.
15. false
16. £19.50
17. 
18. 14 r 2
19. yes
20. 1 kg

### Tuesday

1. 1 p.m.
2.  $2\frac{2}{3}$
3. 9
4. 11
5. 4200
6. true
7. 13
8. acute
9. true
10. 621
11.  $\frac{3}{4}$
12. 1.0
13. g
14. 25
15. 
16. £18.50
17.  $2\frac{1}{5}$
18. 12:10 a.m.
19. no
20. 2.05 m

### Wednesday

1. 11 a.m.
2. 64
3. 3 km
4. true
5. pentagonal pyramid
6. 6
7. 7808
8. 150 g
9. 22 222
10. 75p
11. 13
12. 33 r 1
13. obtuse

14. 4 r 1

15. true

16. 

17. £16.50

18. kg



19.  $1\frac{1}{3}$

20.  $3\frac{1}{5}$

### Thursday

1. 8 p.m.
2.  $\frac{3}{6}$
3. pentagonal prism
4. true
5. 3300
6. 7
7. obtuse
8. 800
9.  $3\frac{1}{10}$
10. 19
11. 12.00 p.m.
12. 44
13. 6 r 6
14. 16 r 4
15. g
16. 2855
17.  $3\frac{1}{3}$
18. £15.50
19. 30 cm
20. 11

### Friday test – page 84


1. 7.00 a.m.
2. 9035
3. 15
4. 
5.  $2\frac{3}{4}$
6.  $1\frac{4}{3}$
7. 4200
8. 11
9. 43
10. £22.50
11. kg
12. false
13. 4 km
14. true
15. 4
16. 10
17. yes
18. 257
19. 
20. 64
21. 4
22. 6900
23. 8 r 3
24. 100 g
25. obtuse

## WEEK 7 pages 14 – 15

### Monday

1. 6 a.m.
2.  $\frac{16}{3}$
3. 2003
4. 2
5. 2.1
6. 9
7. 1.0
8. 11.6
9. Teacher check
10. 20 cm
11. false
12. 1200
13. kitchen
14. right and acute
15. 200, 2000, 20 000
16. 1 in 6
17. 3 in 6
18. 2 in 6
19. 1 in 6
20. 2 in 6

### Tuesday

1. 9.30 a.m.
2. 2960
3. 24 cm
4.  $\frac{18}{5}$
5. 9.9
6. 10
7. 8 r 4
8. 81
9. 8
10. heptagon
11. 320
12. 45 010, 45 100, 54 010
13. 1.1
14. obtuse
15. 
16. 1:15 p.m.
17. 3 °C
18. g
19. 6
20. 5.2

### Wednesday

1. 5:15 p.m.
2. 4002
3. 14 cm
4.  $\frac{16}{6}$
5. 10
6. 9 r 9
7. 2600
8. obtuse
9. 16 005, 16 025, 16 052
10. 30
11. 36

12. bathroom

13. 4

14. 6.3

15. yes

16. trapezium

17. 11.59 p.m.

18. 16


19. no

20. 5 °C

### Thursday

1. 10.45 p.m.
2. 9 cm
3. 15.8
4. 3.5
5.  $\frac{15}{4}$
6. right
7. false
8. 13 040
9. 9
10. no
11. kg
12. false
13. 360
14. scalene
15. 1000
16. 23 005, 23 050, 23 500
17. 30 000
18. yes
19. yes
20. –6 °C

### Friday test – page 85

1. 6.20 p.m.
2. 2003
3. 10.9
4.  $\frac{32}{9}$
5. 1600
6. obtuse
7. 450, 45 027, 45 702
8. trapezium
9.  $\frac{34}{5}$
10. kitchen
11. 5000
12. 1 in 6
13. 3 in 6
14. –5 °C
15. kg
16. 1200
17. 6
18. 10.59 p.m.
19. 
20. 10
21. 560
22. 9 r 8
23. 16 cm
24. 2
25. no

## WEEK 8 pages 16 - 17

### Monday

1. 4.20 p.m.
2. cube
3. 15.7
4. true
5.  $\frac{13}{3}$
6. false
7. £34.20
8. 20 r 2
9. 12
10. 64
11. no
12. 50 007, 50 570, 50 750
13. 22
14. 1800
15. 10 000
16. yes
17. obtuse
18. 2.5
19. 6
20. 10 °C

### Tuesday

1. 11.30 p.m.
2. 90 cm
3. 18.9
4.  $\frac{22}{5}$
5. false
6. 9 r 1
7. 100, 10 000, 100 000
8. Teacher check
9. 9 apples
10. 5
11. 1
12. 20
13. yes
14. A right-angle triangle
15. 490
16.  $\frac{28}{5}$
17. 3000
18. true
19. true
20. –7 °C

### Wednesday

1. 10.25 a.m.
2. yes
3. 18.0
4. 4200
5.  $\frac{17}{5}$
6. true
7. 12
8. false
9. 15
10. obtuse
11. 1750, 17 050, 117 050

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

12. 22 m
13. false
14. 3
15. 15
16.  $\square$
17.  $\frac{19}{3}$
18. yes
19. 500 m
20. yes

## Thursday

1. 6:50 p.m.
2. 23.1
3. true
4. 5
5.  $\frac{23}{3}$
6. yes
7. false
8. false
9. 13
10. cuboid
11. 4
12. 8
13. false
14.  $\square$
15. 4.3
16. 8900
17. 700
18. 9
19. 15 m
20.  $-12^\circ\text{C}$

## Friday test – page 85

1. 5:35 p.m.
2. cuboid
3. 6
4. false
5. 18
6. 8.3
7. 16.6
8. true
9. true
10. true
11. 64
12. 10
13.  $\frac{8}{3}$
14.  $\square$
15. 8
16. 90
17. 2000
18. £38.65
19. right-angle
20. 360
21. 200
22. 18
23. no
24. 70 274, 70 427,  
70 742
25. 11 r 1

## WEEK 9 pages 18 – 19

### Monday

1. 9.30 a.m.
2. 25.8
3. 26
4.  $\frac{19}{5}$
5. 22 m
6. false
7. 2
8. 100
9. parallelogram
10. 18
11. 18
12. 2400
13. 5702, 5072, 5002
14. acute
15.  $-5^\circ\text{C}$
16. 20
17. right-angle
18. yes
19. false
20. 6

### Tuesday

1. 9:30 p.m.
2. 300
3. 11.4
4. true
5.  $\frac{44}{10}$
6. 30 520, 30 250,  
3250
7. true
8. yes
9. 2
10. rhombus
11. 20 r 5
12. 10
13. 3600
14. 20 m
15.  $\square$
16. no
17.  $4^\circ\text{C}$
18. 11 r 6
19. 10 to 6
20. 8

### Wednesday

1. 7:49 p.m.
2. 12 r 1
3. 13.2
4. false
5. triangular pyramid
6. 16
7. 64 905, 64 059,  
46 905
8. 2700
9. 2.02 a.m.
10.  $\square$
11. 21

12. 10 000
13. 70
14. true
15. 1.2
16. triangular prism
17. no
18. 15 m
19.  $\frac{25}{8}$
20.  $-10^\circ\text{C}$

## Thursday

1. 2.25 p.m.
2. 39.9
3. 14
4. true
5. 4
6.  $\frac{21}{4}$
7. 4000
8. 2000
9. 1000
10. decagon
11. false
12. 9.55 a.m.
13. 3500
14. 1 in 6
15. 3 in 6
16. 4 in 6
17. 2 in 6
18. 2 in 6
19. 55
20. 1

## Friday test – page 86

1. 10:45 p.m.
2. 27.9
3. 55
4. 2
5. no
6. decagon
7. 9
8. 10 000
9. yes
10. 2800
11. 8520, 8502, 8025
12. 4
13. 23
14. acute
15.  $-8^\circ\text{C}$
16. 3000 mL
17. false
18.  $\frac{38}{9}$
19.  $\square$
20.  $\frac{21}{6}$
21. rhombus
22. 21
23. true
24. 10.45 p.m.
25. yes

## WEEK 10 pages 20 – 21

### Monday

1. 8:35 a.m.
2. 21.2
3. 75
4. yes
5. 2
6. 200
7. false
8. 8
9. obtuse
10. yes
11. true
12. 11
13. D250
14. square based  
pyramid
15. true
16. 30 000
17. 10
18. 12 r 3
19.  $\frac{11}{6}$
20.  $\square$

### Tuesday

1. 1:05 p.m.
2. 20.0
3. no
4. 10 r 5
5. 55
6. 48
7. 81
8. 13 m
9. 50
10. right-angle
11.  $\frac{26}{3}$
12. false
13. 72 500, 72 050,  
7205
14. DW
15.  $\square$
16. true
17. 2
18. 6.20 p.m.
19. 5.8
20. false

### Wednesday

1. 5:55 p.m.
2. 37.8
3. 130
4.  $\frac{48}{5}$
5. heptagon
6. 12 r 2
7. 60
8. 2
9. 3.75
10. true
11. true

12. AI
13. yes
14. no
15. 5600
16. pentagonal pyramid
17. right
18. 6
19. 10
20. 43 725, 43 275,  
43 257

## Thursday

1. 10.10 p.m.
2. 24
3. isosceles
4. 65 702, 65 207,  
65 072
5. 35
6. 32
7.  $\frac{25}{6}$
8. 18 m
9. true
10.  $\square$
11. false
12. A500
13. 3
14. false
15. yes
16. 1.3
17. true
18. 6.30 a.m.
19. H
20. yes

## Friday test – page 86

1. 11:45 p.m.
2. 14.3
3. 45
4. 3
5. 21
6. 12 r 4
7. yes
8. right
9. no
10.  $\frac{19}{6}$
11. E
12. false
13.  $\frac{26}{3}$
14. pentagonal prism
15. tetrahedron
16. AI
17. 32
18. 5
19. 30 m
20. right-angle triangle
21. cuboid
22. 6
23. 84 950, 84 509, 8450
24. 4500
25. false

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 11 pages 22 – 23

### Monday

- 0300
- 1, 2 and 4
- 85
- no
- $\frac{13}{2}$
- 0.2
- 2
- 60
- 18 cm<sup>2</sup>
- 18 cm
- 1
- $\frac{2}{3}$
- kite
- 7200
- A (3000)
- 3 in 16
- 1 in 4
- 7 in 16
- circle
- square and triangle

### Tuesday

- 0900
- 0.01
- yes
- 0.1
- $\frac{4}{3}$
- 4
- 2
- 90°
- 2
- Triangular prism
- false
- acute / 60°
- hemisphere
- 120
- 50
- 1400
- false
- $\frac{3}{4}$
- true
- 3

### Wednesday

- 1700 hours
- 81
- 1, 2, 3 and 6
- 5
- 15 m<sup>2</sup>
- 16 m
- 0.5
- 45°
- yes
- cylinder
- $\frac{17}{5}$
- 30
- 2

- Teacher check
- false
- B (ten thousands)
- 2
- $\frac{4}{5}$
- 4 out of 52
- 10 001

### Thursday

- 2000 hours
- 0.1
- 30 m<sup>2</sup>
- 22 m
- 0.8
- no
- 16
- yes
- acute
- false
- 2
- 42
- Teacher check
- kite
- square-based pyramid
- 45
- 25
- $3\frac{3}{4}$
- 4
- 7

### Friday test – page 87


- 1900 hours
- 1, 2, 4 and 8
- 75
- 0.1
- 6300
- 5
- 90°
- yes
- yes
- 14 m<sup>2</sup>
- 18 m
- kite
- false
- 3
- 45°
- cylinder
- acute
- 140
- 1 out of 13
- $\frac{2}{3}$
- 15
- thousands
- hemisphere
- $\frac{19}{5}$
- 0.4

## WEEK 12 pages 24 - 25

### Monday

- 0600
- 1, 2, 4 and 8
- 18
- 18
- 4 and 10
- 0.4
- $\frac{14}{4}$
- right / 90°
- 125
- 20
- yes
- true
- kite
- 4
- 30 000
- 23.7
- C
- 5
- 2
- $\frac{1}{2}$

### Tuesday

- 1800 hours
- 15 and 20
- 120
- 4
- yes
- 0.6
- $\frac{20}{100}$
- 28
- 22 cm
- 
- 4
- $4\frac{1}{2}$
- no
- cylinder
- $\frac{4}{5}$
- 3
- 65
- 10
- 50.3
- thousands

### Wednesday

- 1100 hours
- 1, 3 and 9
- obtuse
- $\frac{2}{3}$
- 8 cm<sup>2</sup>
- 13 cm
- 0.05
- 9 and 12
- 0.4
- trapezium
- 65
- 49
- 25

- 74.9
- $\frac{24}{10}$  or  $\frac{12}{5}$
- yes
- 8
- 28 000
- false
- 1 out of 2

### Thursday

- 2200 hours
- obtuse
- 70
- 9
- 16 cm
- 0.3
- 1 out of 2
- 1, 2, 5 and 10
- $3\frac{2}{5}$
- 8
- 9
- 2%
- true
- 116.5
- 4
- 8 and 16
- cuboid
- false
- 70 000
- 2

### Friday test – page 87

- 1100 hours
- 60
- 0.7
- 10
- 12 000
- $\frac{3}{5}$
- 12 and 15
- 8
- 9
- 70 000
- 1, 3 and 9
- right / 90°
- true
- 8
- 13 m
- 56.5
- true
- 4%
- 1 out of 2
- yes
- square-based pyramid
- $\frac{16}{6}$
- B
- trapezium
- 4

## WEEK 13 pages 26 – 27

### Monday

- 0800
- 90
- 10
- 1, 3, 5 and 15
- 9
- $3\frac{1}{3}$
- 1
- 300.5
- 250
- 4 out of 52
- 9
- 0.01
- 12 m<sup>2</sup>
- 17 m
- tens of thousands
- 0.25, 0.5, 0.75
- B
- yes
- 15
- $\frac{3}{5}$

### Tuesday

- 1900 hours
- 35 m<sup>2</sup>
- 24 m
- 12
- 5 and 15
- 2
- 721.6
- 4000
- 49
- cylinder
- false
- 5939
- 17
- decagon
- 0.03, 0.3, 0.6
- 70
- 0.05
- 10
- 280
- yes

### Wednesday

- 0200
- true
- obtuse
- 11
- 8 m<sup>2</sup>
- 18 m
- 1
- 960.4
- 2
- yes
- 0.09
- C
- $\frac{1}{3}$

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. 1, 2, 7 and 14
15. 160
16. D
17. 25
18. 0.2, 0.22, 0.8
19.  $\frac{17}{3}$
20. 50

## Thursday

1. 2300 hours
2. 18
3. 18
4. 0.56, 0.75, 0.8
5. 505.5
6. 80 000
7. 2
8. 4
9. 120
10. obtuse
11. 14 and 28
12. 0.03
13.  $\frac{50}{100}$
14. triangular prism
15. 36
16.  $\frac{2}{3}$
17. 2400
18. 5
19. yes
20. equilateral

## Friday test – page 88

1. 2200 hours
2. true
3. 90
4. 1, 2, 7 and 14
5. 2
6. C
7. 25
8. 700.7
9. 350
10. 15 m<sup>2</sup>
11. 5
12. cylinder
13. no
14. 4800
15. 7
16. kite
17. 0.2, 0.4, 0.8
18. 0.4
19. nonagon
20. yes
21. false
22. 21 m<sup>2</sup>
23. 20 m
24. 6599
25. no

## WEEK 14 pages 28 – 29

### Monday

1. 5 a.m.
2. 4 cm
3. 680.2
4. 6296
5. 2
6. 16
7. 0.2, 0.25, 0.5
8. 30
9. C
10. 1 out of 13
11. 0.07
12. 1
13. 30 m<sup>2</sup>
14. 26 m
15. 130
16.  $\frac{1}{4}$
17. circle
18. 1, 2, 11 and 22
19.  $\frac{44}{5}$
20. 60 000

### Tuesday

1. 10 a.m.
2. 12 m<sup>2</sup>
3. 14 m
4. 5
5. 765.2
6. 10 004
7.  $\frac{1}{2}$
8. heptagon
9. 5
10. 64
11. 0.02
12. 10 cm
13. hemisphere
14. hundreds of thousands
15. 4 in 20 / 1 in 5
16. 2 in 20 / 1 in 10
17. pentagon and trapezium
18. square
19. circle and triangle
20. 5 in 20 / 1 in 4

### Wednesday

1. 1 p.m.
2. 12 cm
3. 2 298
4. 9
5. cube
6. false
7. 297.5
8. 7994
9. 24 and 33
10. 3
11. 9

12. yes
13. 0.08
14. 260
15. 10 001
16. 25 m<sup>2</sup>
17. 0.07, 0.3, 0.7
18. 2 out of 13
19. 15
20. 0.06

### Thursday

1. 11 p.m.
2.  $\frac{2}{5}$
3. decagon
4. 302.9
5. 1, 2, 3, 6, 9 and 18
6. 6
7. 0.4
8. 16 cm
9. nonagon
10. 35 m<sup>2</sup>
11.  $\frac{43}{8}$
12. 80 and 88
13. 6
14. sphere
15. right / 90°
16. 9%
17. 0.05, 0.5, 0.55
18. 25 cm<sup>2</sup>
19. 100
20. 300

## Friday test – page 88

1. 2 p.m.
2. 10 cm
3. 40
4. 140
5. 1, 3, 7 and 21
6. 9
7. 5
8.  $\frac{4}{5}$
9. 511.5
10. nonagon
11. 3
12. 200 000
13. 0.3, 0.5, 0.55
14. hemisphere
15. 0.04
16. cuboid
17. 9 cm<sup>2</sup>
18.  $3\frac{1}{8}$
19. no
20. 1 out of 13
21. circle
22. false
23. 28 m
24. 45 m<sup>2</sup>
25. 28 and 40

## WEEK 15 pages 30 – 31

### Monday

1. 8 a.m.
2. 1602.9
3. 3
4. 1.1
5. 10 004
6. false
7. 990
8. 90
9. 16 cm<sup>2</sup>
10. 180
11. 6300
12. 100
13. 45°
14. 10
15. hundreds of thousands
16.  $\frac{100}{100}$
17. sphere
18. 1, 5 and 25
19. false
20. isosceles

### Tuesday


1. 5 p.m.
2. 45 and 54
3. 750
4. 1.4
5. 8 cm
6. 35
7. 10 202.7
8.  $\frac{1}{2}$
9. yes
10. 125%
11. square-based pyramid
12. 36
13. 3 out of 13
14. nonagon
15. right-angle
16. 0.3, 0.6, 0.9
17. 100
18. 9
19. 8
20. 7

### Wednesday

1. 8 p.m.
2. 1, 2, 3, 6, 9 and 18
3. 40
4. 0.18
5. 400 000
6. 22 cm
7. 1.8
8. 12 m<sup>2</sup>
9.  $\frac{1}{5}$
10. 10°
11. false

12. 800
13. no
14. 41.6
15. yes
16. scalene
17. 0.02, 0.2, 0.25
18. 4
19. octahedron
20. true

### Thursday

1. 3 p.m.
2. cylinder
3. 20
4. 1 out of 4
5. 1.2
6. 0.1
7. 2
8. 24 cm
9. 2
10. hemisphere
11. 81
12. yes
13. 55
14. rectangle
15. 83
16.  $\frac{3}{4}$
17. 80
18. 64 and 48
19. yes
20. 

## Friday test – page 89

1. 9 p.m.
2. 6300
3. 850
4. 16
5. 140
6. 1.1
7. 100%
8. 50
9. false
10. sphere
11. 3
12. 45°
13. true
14. 4
15. hundreds of thousands
16. yes
17. isosceles
18. 1, 2, 3, 6, 9 and 18
19. 14 cm
20. 4101.6
21. decagon
22. 5 %
23. 0.3
24. 42 and 30
25.  $\frac{4}{5}$

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 16 pages 32 – 33

### Monday

- 0730
- 25
- parallelogram
- 2.1
- 555.7
- 7996
- $4\frac{1}{7}$
- no
- $95^\circ$
- 0.5
- 0.12
- 780
- $6\text{ m}^2$
- 5
- $\frac{2}{3}$
- 16 cm
- triangular prism
- 0.9, 0.6, 0.4
- 70 000
- true

### Tuesday

- 1615 hours
- 7999
- $\frac{1}{2}$
- 2.9
- 95
- yes
- 150
- rectangle
- £50.00
- sphere
- ten thousands
- 505.8
- 1.4
- $12\text{ m}^2$
- 1 out of 4
- 20 cm
- mL
- 5
- 144
- 97

### Wednesday

- 1920 hours
- 0.33, 0.3, 0.03
- false
- 2.5
- $40\text{ m}^2$
- 26 m
- 0.3
- 5
- 0.07
- $100^\circ$
- 49
- £60.00
- $\frac{39}{7}$

- 350
- yes
- pentagonal prism
- 900
- tetrahedron or triangular pyramid
- 4
- 150

### Thursday

- 2245 hours
- 30 cm
- pentagonal pyramid
- 410
- 515.9
- 2.5
- litres
- $\frac{3}{4}$
- 99%
- hemisphere
- true
- no
- 650
- 0.71, 0.7, 0.17
- Teacher check
- £75.00
- 5
- none
- 9
- 30 000

### Friday test – page 89

- 1930 hours
- $5\frac{6}{7}$
- 55
- parallelogram
- yes
- 16 cm
- 160%
- 2.8
- 0.45, 0.4, 0.2
- 350
- false
- 6
- 0.04
- triangular pyramid
- £60.00
- 144
- cube
- 15 000
- 1 out of 4
- right angle
- mL
- 49
- 5
- $35\text{ m}^2$
- 24 m

## WEEK 17 pages 34 - 35

### Monday

- 0825
- 0.03
- cone
- 5
- £56.00
- 60
- $\frac{7}{10}$
- 207.6
- $27\text{ m}^2$
- litres
- 910
- 5
- yes
- 0.52, 0.5, 0.25
- 3%
- 1, 3, 5 and 15
- decagon
- 6400
- hundred thousands
- £1.00

### Tuesday

- 1045 hours
- 8 cm
- 750
- $\frac{5}{6}$
- 570.3
- 5
- 5
- yes
- £19.60
- 1 out of 52
- 64
- £66.00
- circle
- 178
- 25%
- 3
- 197
- 0.66, 0.6, 0.06
- 25
- $5\frac{3}{8}$

### Wednesday

- 1520 hours
- $\frac{5}{6}$
- £49.50
- 0.04
- hundreds
- 10 cm
- 4
- 100
- 390
- 6
- yes
- Tuesday
- no

- Saturday
- 4
- $180^\circ$
- 51
- 540
- true
- 0.02, 0.2, 2

### Thursday

- 1835 hours
- mL
- $14\text{ m}^2$
- 201
- 3
- no
- 50p
- 810
- 5
- kite
- 9 cm
- false
- 817.4
- cylinder
- $\frac{63}{10}$
- 0.52, 0.5, 0.25
- 1626
- 3 out of 52
- 3, 0.3, 0.03
- $\square$

### Friday test – page 90

- 1725 hours
- 81
- cone
- 50
- 29%
- £64.00
- litres
- 6
- 138
- $180^\circ$
- true
- 120
- no
- $\frac{31}{4}$
- circle
- 4000
- 50p
- 0.03, 0.3, 3, 33
- 7 cm
- 2 out of 13
- kite
- 8%
- 0.75, 0.7, 0.5
- 5
- 1, 2, 11 and 22

## WEEK 18 pages 36 - 37

### Monday

- 4.25 p.m.
- 8
- 5p
- 0.07, 0.7, 7, 7.7
- $\frac{2}{3}$
- 8
- no
- £58.00
- 10
- $5\frac{7}{10}$
- 60
- $\frac{5}{10}$
- 0.9
- tens of thousands
- 11 cm
- 13, 17 and 19
- 110
- 300
- 3.3
- 7500

### Tuesday

- 10.40 a.m.
- 36
- 5
- $\frac{2}{8}$
- 20p
- 7
- 0.04
- rectangle
- $\frac{3}{4}$
- $\square$
- mL
- 8.3
- 4
- 4 out of 52
- 25
- £14.60
- 2310
- 0.44, 0.4, 0.04
- 3
- 8.8, 8, 0.8, 0.08

### Wednesday

- 5.05 a.m.
- 7
- 7.3
- 6
- 35
- 24
- 1
- 5220
- 8
- heptagon
- 4000
- 40 000
- 7



# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. 0.1
15. 15 cm
16. 0.22, 0.2, 0.02
17. 195
18. rhombus
19.  $\frac{29}{6}$
20. 12, 14, 15, 16 and 18

## Thursday

1. 7:50 p.m.
2. 100
3. 44
4. 4
5. 9
6. 7
7. 0.9
8.  $\frac{6}{8}$
9. 30
10. sphere
11. £76.25
12. litres
13. 21 000
14. trapezium
15. 1
16. 14.1
17.  $\frac{3}{4}$
18. £18.60
19. yes
20. 96

## Friday test – page 90

1. 7:55 p.m.
2. 0.5
3. thousands
4.
5. 1 out of 2
6. 50
7. 7
8. 4
9. 11 500
10. 7
11. £54.00
12. 60
13. 7
14.  $\frac{2}{8}$
15. 3 cm
16.  $\frac{2}{3}$
17. 2700
18. 16
19. 80, 8, 0.8, 0.08
20. rhombus
21. 33
22. 8
23. 310
24. 1
25. 9.3

## WEEK 19 pages 38 - 39

### Monday

1. 6:25 p.m.
2. 5.56
3.  $135^\circ$
4. mL
5. 8
6.  $\frac{2}{6}$
7. 50
8. 10
9. 17
10. 5.2
11. 1300
12. yes
13. 18
14. 7
15. 0.09
16. £26.40
17. no
18. 12
19. 60
20. false

### Tuesday

1. 9:20 p.m.
2. 22
3. 25
4. 2.11
5. 5
6. 18
7. 10
8.  $\frac{4}{5}$
9. 4.3
10. Teacher check
11. 49
12. 10
13.  $180^\circ$
14. 0.77, 0.7, 0.07
15. 0.07
16. 0.01
17. £57.60
18.  $90^\circ$
19.  $\frac{4^6}{7}$
20. 8 cm

### Wednesday

1. 4:55 a.m.
2. 9.55
3. 5
4. 8
5. 19
6.  $\frac{4}{6}$
7. 10
8.  $\frac{2}{3}$
9. 9.2
10. Teacher check
11. 64
12. hemisphere
13. 10

14. 0.1
15. litres
16. 2 out of 13
17. 101
18. 3460
19. £6.40
20. 0.52, 0.5, 0.25

## Thursday

1. 8:35 a.m.
2. £68.80
3. 1
4. 27
5. 16.1
6. 11
7.  $\frac{49}{9}$
8. 6
9. Teacher check
10.
11. 1
12. 8.88
13. 0.5
14. 12 000
15. 0.3, 0.33, 3.3, 30
16. 9 cm
17. rhombus
18. 10
19.  $\frac{1}{3}$
20. 0.11

## Friday test – page 91

1. 9:45 p.m.
2. 7.77
3. 4800
4. 0.05
5. 7
6. yes
7.  $\frac{4}{6}$
8. 49
9. 20
10. hemisphere
11. true
12. 6.1
13. 2330
14. 6
15.  $\frac{5}{6}$
16. 0.2, 2.2, 20.2, 22
17.  $\frac{4^2}{8}$
18. £7.40
19. 22
20. 29
21. isosceles
22.  $180^\circ$
23. 9
24. 60
25. £54.90

## WEEK 20 pages 40 – 41

### Monday

1. 1825 hours
2.  $\frac{3}{4}$
3. 12.6
4. 52
5. 6 cm
6. 20
7. 225
8. 1%
9. 20 m<sup>2</sup>
10. 23 m
11. 1 in 6
12. Teacher check
13. no
14. 4
15.  $\frac{1}{3}$
16. 64
17.
18. Teacher check
19. 3000
20. 0.07

### Tuesday

1. 5:50 p.m.
2. 58
3.  $\frac{1}{4}$
4. 81
5. 0.2
6.  $\frac{9^4}{9}$
7. 20
8. 2
9. 100%
10. sphere
11.  $\frac{4}{5}$
12. 22
13. 8
14. 1 out of 2
15. 10
16. 25
17. 10
18. lorries
19. cars
20. bikes

### Wednesday

1. 0415
2.  $\frac{2}{3}$
3. 25
4. 16 cm
5.  $\frac{2}{3}$
6. 20.1
7. 19
8. 32 m<sup>2</sup>
9. 855
10. hemisphere
11. 1 in 2
12. false
13. 7

14. Teacher check
15. 124
16. square
17.  $\frac{2}{10}$
18. 9%
19. £31.25
20. 70

## Thursday

1. 9:05 p.m.
2. 49
3. 30 m<sup>2</sup>
4.  $\frac{3}{12}$
5. 51
6. 19
7. Teacher check
8. 144
9.  $\frac{5}{8}$
10.
11.  $\frac{53}{7}$
12. 36.1
13. litres
14.
15. 3 in 6 / 1 in 2
16. no
17.  $\frac{5}{6}$
18. 140
19. 0.5
20. £25.25

## Friday test – page 91

1. 1905
2. true
3. 45
4.
5.  $\frac{2}{3}$
6. 42.1
7. 64
8. 0.4
9. 38
10. 4 out of 13
11. 4 cm
12. 17 or 19
13. 100
14. no
15.  $\frac{2}{4}$
16. 0.02
17. 48
18. Teacher check
19. 7
20.  $\frac{27}{6}$
21. pentagonal prism
22. 1 in 2
23. 3000
24. 115
25. mL


# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 21 pages 42 – 43

### Monday

- 2000 hours
- 100 000
- 100 001
- 40
- $3\frac{2}{5}$
- 0.3
- 4
- 39.95
- 26
- 100
- 30
- 3 in 6 / 1 in 2
- $\frac{1}{3}, \frac{3}{6}, \frac{5}{6}$
- false
- no
- 45
- square pyramid
- 18
- 14
- nonagon

### Tuesday

- 0230 hours
- 20
- 100 001
- $\frac{3}{5}$
- 1300
- 100 010
- 3 apples
- 
- parallelogram
- £51.60
- 2.7
- 100
- 7
- 13.5
- 16 cm
- true
- 0.8
- 63.2
- $\frac{8}{3}$
- 0.08, 0.5, 0.8

### Wednesday

- 1715
- 100 000
- 4.2
- 36
- 2
- 10
- 31.6
- 1
- $\frac{4}{7}$
- 28 m<sup>2</sup>
- 29 m
- $\frac{1}{4}, \frac{1}{2}, \frac{6}{8}$
- £27.70

14. 100 001

- $\frac{2}{3}$
- triangular pyramid
- 3
- yes
- 21 cm<sup>2</sup>
- obtuse

### Thursday

- 0745 hours
- 100 004
- yes
- 30
- 22
- 2.5 cm
- $\frac{2}{3}$
- 61.3
- 170
- 18 m
- $\frac{2}{3}$
- 121
- 100 003
- 150
- March 2005
- 25
- February 2004
- 2005
- heptagon
- 8

### Friday test – page 92

- 1545 hours
- 25
- 100 011
- 57.96
- 1.5
- triangular pyramid
- yes
- 4
- $\frac{3}{4}$
- 18 cm
- 2.5 cm
- 3
- $\frac{18}{5}$
- 7
- 15 cm<sup>2</sup>
- 121
- 6
- 14
- $\frac{5}{6}$
- $3\frac{4}{5}$
- 250
- 2 in 6 / 1 in 3
- 10
- $\frac{3}{10}, \frac{1}{2}, \frac{4}{5}$
- 8

## WEEK 22 pages 44 – 45

### Monday

- 0410
- 100 001
- 1 in 2
- 0.01
- 7
- $\frac{7}{8}$
- 30
- 95.88
- 7
- 4
- 21
- 900
- 18 cm
- 7 tenths
- 4
- £58.00
- triangular prism
- 49
- 20p
- 28

### Tuesday

- 1920
- 3
- 100 001
- $\frac{3}{4}, \frac{1}{2}, \frac{2}{8}$
- 4
- 100 100
- 3
- 3.5 cm
- 28 m<sup>2</sup>
- trapezium
- 56.5
- 121
- 20
- 5
- kite
- 3
- 60
- 120
- 1
- 3 tenths


### Wednesday

- 0755
- 100 003
- 1.5 cm
- 2 in 6 / 1 in 3
- $\frac{5}{6}$
- $\frac{4}{5}$
- 100 110
- 89.78
- 50p
- cube
- 18 cm
- 81
- 10

14. 0.05

- 0.7
- 800
- 10
- 0000
- no
- 0.75, 0.5, 0.25

### Thursday

- 0755 hours
- 100 003
- 5
- 40
- 3
- 100 020
- $\frac{8}{9}, \frac{4}{6}, \frac{1}{3}$
- 9 tenths
- 7
- 
- £65.60
- 50
- 121
- trundle wheel
- acute
- 531
- 60
- $\frac{3}{4}$
- 51.2
- 500

### Friday - Test page 92

- 1355
- 1 in 2
- 100 005
- triangular prism
- $\frac{7}{9}$
- 3
- 36.96
- 3
- 94
- 144
- 4
- 40
- 100 100
- 700
- 22 cm
- 4 tenths
- 4
- £2
- 24 m<sup>2</sup>
- 6
- $\frac{7}{10}, \frac{1}{2}, \frac{1}{5}$
- 0.06
- 634
- trapezium
- 0200

## WEEK 23 pages 46 – 47

### Monday

- 0840
- 25
- false
- 4.4
- 4
- 100 002
- 201 000
- 2
- $\frac{4}{5}$
- 3
- 0.03
- $\frac{6}{7}$
- $\frac{2}{3}, \frac{3}{6}, \frac{4}{9}, \frac{2}{6}$
- £40.55
- 4.5 cm
- 48.32
- F
- 15 cm
- 24 m<sup>2</sup>
- 1.00 a.m.

### Tuesday

- 1425
- 75
- 100 004
- 3
- 8
- 601 110
- 17
- true
- $5\frac{4}{5}$
- pentagonal pyramid
- 1
- tenths
- 2p
- 40 m<sup>2</sup>
- 20°
- £600
- 19
- 124.2
- 72 000
- ten thousands

### Wednesday

- 1120 hours
- 100 001
- 36
- 5
- 1 out of 4
- 700 301
- $\frac{2}{3}$
- 37.54
- 8.5
- £700
- 4
- 16 m
- 45

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. true
15. 6000
16. 28 cm
17.  $\frac{1}{12}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$
18. hundredths
19.  $\frac{8}{9}$
20. 19 991

## Thursday

1. 1120 hours
2. 4 cm
3. false
4. 8
5. 0.01, 0.09, 0.1, 0.9
6. 100 003
7.  $\frac{47}{9}$
8. 1
9. 121
10.  $\square$
11. 80
12. 0.09
13. 6700
14. pentagonal prism
15. 9 cm
16. December 2005
17. November 2005
18. October 2004 and December 2004
19. 9 cm
20. 2005

## Friday test – page 93

1. 1320 hours
2. true
3. 2
4. 6
5. 16
6. 14 cm
7. hundredths
8. 60
9. 3.2
10.  $45^\circ$
11. Q
12. 0.05
13. £650
14. 12
15. 2.5 cm
16.  $\frac{4}{5}$
17. pentagonal prism
18.  $\frac{7}{8}$
19.  $\frac{1}{9}, \frac{3}{9}, \frac{2}{3}, \frac{5}{6}$
20. 58.62
21. 30
22. 551.6
23. 22
24. 1.10 a.m.
25. 0.02, 0.03, 0.2, 0.3

## WEEK 24 pages 48 – 49

### Monday

1. 1035 hours
2. 100 001
3.  $\frac{20}{100}$
4.  $60^\circ$
5. 2.5 cm
6. 28 798
7. hundreds of thousands
8. 3
9.  $\frac{3}{4}$
10. 2230 hours
11. 0.1
12. £18.55
13. 144
14. 200
15.  $\frac{5}{6}$
16. 1800
17. 2.5 cm
18.  $\frac{1}{5}, \frac{1}{2}, \frac{6}{10}$
19. false
20.  $3\frac{3}{7}$

### Tuesday

1. 2052 hours
2.  $\frac{10}{16}$
3. 24
4. 10
5. tenths
6. 100 003
7. 0.4
8. £750
9. 3200
10. G
11. 144
12. 18 999
13. 43 097
14. 1
15.  $\square$
16. 1
17. 303 030
18. 18 m
19. 9.8
20. 15.98

### Wednesday

1. 0230 hours
2. 3.5 cm
3. 15
4. £725
5. 3
6. 100 006
7. 9.9
8. yes
9. 1900
10. g
11. £6.55
12.  $\frac{11}{12}, \frac{2}{3}, \frac{3}{9}, \frac{1}{6}$

13. 20
14. 812 210
15.  $\frac{4}{5}$
16. 2000
17. 8.2
18.  $3\frac{1}{4}$
19. 4 out of 52
20.  $45^\circ$

### Thursday

1. 1220 hours
2. 11 099
3. 5
4. 9.6
5. 3000
6. 100 002
7. 38 795
8. 911 110
9. 49
10. 19.88
11.  $\frac{3}{4}$
12. £1.60
13. 10
14. 42 m<sup>2</sup>
15. 64
16. 49
17. hundredths
18. 6
19. 1 out of 13
20. 36 cm

## Friday test – page 93

1. 0050
2.  $\frac{80}{100}$
3.  $90^\circ$
4.  $\frac{2}{3}$
5. hundreds of thousands
6.  $90^\circ$
7. 3000
8. 8.8
9.  $\frac{35}{4}$
10. £22.55
11.  $\frac{1}{12}, \frac{1}{4}, \frac{3}{8}, \frac{1}{2}$
12. 6.5
13. 14
14. sphere
15. 72 094
16. 25
17. 30
18. hundredths
19. £800
20. 6
21.  $\square$
22. 144
23.  $4\frac{7}{9}$
24. 23 m
25. 32 m<sup>2</sup>

## WEEK 25 pages 50 – 51

### Monday

1. 0820
2.  $80^\circ$
3.  $\frac{3}{4}$
4. 9
5. 100 005
6. 4.2
7. 24 000
8. 35 496
9. tetrahedron
10. 0.01
11. 22.4
12.  $\frac{3}{4}$
13. 2
14. 0.07
15. 16 m
16. £29.80
17. rectangle
18. 48
19. 40
20. 16

### Tuesday

1. 2215
2. 5
3. 10
4. 15
5. 20
6. 8
7. £625
8. 9000
9.  $\square$
10. 1
11. 3 cm
12. 0.15
13. hexagonal pyramid
14. 15, 1.5, 1.05, 0.15
15. tenths
16. 18
17. 6
18. 30
19. 2.15 p.m.
20.  $70^\circ$

### Wednesday

1. 0005
2.  $\frac{8}{10}$  or  $\frac{4}{5}$
3. 52 100
4.  $\frac{1}{2}$
5. 100 004
6. 29 899
7. 48
8. 7 cm
9.  $\frac{12}{40}$
10. 0.03
11. 22 m<sup>2</sup>
12. nonagon
13. 11.7

14. 0.12
15. 65
16. equilateral
17. 100
18. 77.98
19. 36
20. 9000

## Thursday

1. 1210
2.  $135^\circ$
3. 50%
4. 11 999
5. 100 006
6.  $\frac{2}{3}$
7. 9000
8. false
9. 8
10. scalene
11. 440 004
12. 0
13. 38.17
14. decagon
15. 9
16. 144
17. 4 cm
18. 14
19. £19.20
20.  $\frac{16}{20}$

## Friday test – page 94

1. 0005
2.  $45^\circ$
3. 35
4.  $\frac{1}{2}$
5.  $\frac{3}{4}$
6. 25 000
7. 38
8. 16
9. £29.20
10. £775
11.  $\frac{20}{25}$
12. 4 cm
13. 0.04
14. 81
15. 1
16. false
17. nonagon
18. hundredths
19. 39.34
20. 2
21. 7
22. 23 m
23. 6
24. 24
25. rectangle

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 26 pages 52 – 53

### Monday

- 2310
- 63 000
- 10%
- 70
- 4.5 cm
- 6
- 12
- 8
- 4
- 2
- $\frac{1}{3}$
- 4
- $\square$
- 600
- 4.7
- 10 000
- 6
- 2 out of 6 / 1 out of 3
- 45
- 2

### Tuesday

- 0520
- $60^\circ$
- 1%
- 9997
- 0.44
- 75 000
- 12
- 10
- 5
- 10 000
- 4
- 0.7
- $\frac{24}{100}$
- tenths
- approx.  $45^\circ$
- 2359 hours
- no
- 29.77
- 0
- 2

### Wednesday

- 0035
- 10
- 25
- 9998
- 11 000
- $\frac{10}{20}$
- 58
- $56 \text{ m}^2$
- 7
- 0.99
- 2
- 18 m
- £900

- 16 000
- 20.7
- E
- $180^\circ$
- hundredths
- 3
- 6.41

### Thursday

- 1210
- 0.77
- 18 000
- 6
- 28
- $\frac{1}{3}$
- 9993
- 4.5 cm
- $4\frac{1}{4}$
- 10
- false
- 0.4
- thousandths
- $\frac{32}{7}$
- thousandths
- $\frac{50}{80}$
- 200 000
- $55^\circ$
- 3
- triangular prism

### Friday test – page 94

- 0050 hours
- 70
- 36
- $\square$
- 0.3, 0.13, 0.05, 0.02
- 0.55
- 1952
- 2%
- 8999
- $80^\circ$
- 3.5 cm
- 17 600
- false
- 10
- 8
- 0.99
- 20
- 4
- thousandths
- 70 000
- $180^\circ$
- pentagonal prism
- 4 out of 9
- 4
- 0

## WEEK 27 pages 54 – 55

### Monday

- 8
- 11
- 0.03, 0.3, 3, 30
- 16 cm
- 12%
- 10
- 10 500
- £1400
- 0.25
- 49
- 12 092
- $\frac{1}{3}$
- triangle
- 14.22
- $7\frac{7}{10}$
- $\frac{9}{12}$
- trapezium
- 2
- $180^\circ$
- 1900

### Tuesday

- 4
- 97 000
- 71
- 16
- 20 000
- 0.24
- 6
- 4 out of 7
- hundredths
- $\frac{1}{4}$
- 5 cm
- 0.47
- 22.5
- $\frac{1}{3}$
- 4800
- 48 000
- 11, 13, 17 and 19
- $\frac{28}{9}$
- 44.31
- 6 apples

### Wednesday

- 5
- 20 cm
- 100 001
- 3
- 105 000
- 11
- 30
- 6.42
- $\frac{9}{10}$
- 71.52
- 570 007
- 4 out of 7
- $\frac{12}{16}$

- 64
- $\frac{1}{2}$
- heptagon
- 100
- 1
- ruler
- £21.95

### Thursday

- 10
- 10 000
- 11
- 2
- £1550
- thousandths
- 15
- 23.23
- 9
- 18.6
- 4
- 0.32
- $\frac{5}{10}$  or  $\frac{1}{2}$
- dodecagon

### Friday test – page 95

- reflex
- 0.06
- yes
- 10
- 1.2
- $\frac{6}{15}$
- 3
- 12
- 20
- £1250
- 20
- 0.05, 0.1, 5, 10
- 7.39
- 19%
- 36
- 45.42
- 3
- $16 \text{ cm}^2$
- $180^\circ$
- 105 000
- 9
- 89 998
- $\frac{4^3}{10}$
- dodecagon
- hundredths
- 17.5
- 3
- yes
- 1 out of 3
- $\frac{3}{5}$
- metre stick

## WEEK 28 pages 56 – 57

### Monday

- 10
- 100 006
- $90^\circ$
- 0
- 30
- 0.3
- 909 999
- 2
- $\frac{12}{20}$
- 7000
- 33 894
- 25.23
- 10 out of 21
- 5
- 17.6
- $\frac{2}{5}$
- triangular prism
- 12
- 5
- 0.08

### Tuesday

- 20
- 0
- 0.05
- 30
- 1.8
- 3 cm
- 28.18
- $4 \text{ cm}^2$
- $\frac{3}{5}$
- 7
- $\frac{2}{3}$
- 0.2
- 5
- trapezium
- 10 000
- £19.75
- 10
- £1400
- 21
- $\frac{30}{80}$

### Wednesday

- 8
- 7
- 14
- 21
- 14
- 42
- 26 397
- 7.65
- 8
- 1
- 4.9
- 2.1
- $\frac{1}{3}$

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. 990 090
15. 2
16. 9
17. £26.25
18. 2
19. 11
20.  $16\frac{1}{5}$

## Thursday

1. 11
2. 10 001
3.  $45^\circ$
4. 39 899
5. true
6. 909 009
7.  $180^\circ$
8.  $\frac{3}{4}$
9. 0.36
10. 3
11. 17.08
12. 1
13. 39 000
14. 12
15. 18 900
16. 1
17. tenths
18.  $\frac{34}{100}$
19. 240
20. 5.30 p.m.

## Friday test – page 95

1. 11
2. 2
3.  $45^\circ$
4.  $100^\circ$
5. 5 tins
6. 27 194
7. 1
8.  $\frac{45}{60}$
9. 4000
10. 53.28
11. true
12.  $\frac{1}{5}$
13. 30
14. 20
15. 2
16. 8
17. 9.50 p.m.
18. £1450
19. 35
20.  $180^\circ$
21. trapezium
22. 39 000
23. 3.1
24. £34.25
25. tenths

## WEEK 29 pages 58 – 59

### Monday

1. 4
2.  $10\text{ cm}^2$
3. 0.21
4. 28 cm
5. 100 001
6. 900 009
7. 27
8. 4
9.  $180^\circ$
10. 12.75
11.  $\frac{4}{5}$
12. 23.72
13. tenths
14. 36
15. 100
16. 5
17. cube
18. 146 000
19. 5
20. irregular

### Tuesday


1. 10
2. 3
3. 10.4 cm
4. 0.45
5.  $\frac{1}{4}$
6. 13
7. 0.99
8. 5 tins
9. 35.21
10. 1
11. 25
12. £7.60
13. 4
14. 440
15. false
16. 80 998
17. 5960
18.  $\frac{28}{100}$
19. 6
20. parallelogram

### Wednesday


1. 6
2. 0.72
3.  $\frac{3}{6}$  or  $\frac{1}{2}$
4. 9
5. 5
6. 2100 hours
7. 969 050
8.  $11\text{ cm}^2$
9.  $\frac{5}{6}$
10.  $33\text{ cm}^2$
11. hundredths
12. 20 000
13. 121

14. 1970
15. 82 093
16. 40%
17. 7200
18.  $\frac{80}{100}$
19. 7
20. obtuse

## Thursday

1. 8
2.  $135^\circ$
3. 
4. 100 003
5. 0.41
6. 60
7.  $180^\circ$
8. 6
9. nonagon
10.  $\frac{1}{4}$
11. 13.75
12. 45
13. 144
14. 207 000
15. 6
16. 2.15 p.m.
17. 28 496
18. 21
19. 8
20. cm

## Friday test – page 96


1. 6
2. 24 cm
3. 100 006
4.  $180^\circ$
5. 9 cm
6. 2.93
7. 17
8. 35.29
9. thousandths
10. 3
11. £8.60
12. 6
13. 4000
14.  $22\text{ cm}^2$
15. 70%
16.  $\frac{1}{4}$
17.  $100^\circ$
18. 90.02
19. Teacher check
20. 1900 hours
21. 
22. 144
23.  $\frac{70}{100}$
24. 6300
25. 2

## WEEK 30 pages 60 – 61

### Monday

1. 2
2. 0.58
3. square-based pyramid
4. 100 004
5. 1
6. 99 987
7. 6500
8.  $\frac{1}{4}$
9. rectangle
10. 17.25
11.  $\frac{8}{20}$
12. 55.16
13. tenths
14. 2.1
15. £21.00
16. 12
17.  $30\text{ m}^2$
18. V
19.  $35 - 7 = 28$
20.  $8\frac{5}{9}$

### Tuesday

1. 16
2.  $\frac{36}{90}$
3. 11
4. 15 000
5. 30
6. 20%
7. 6
8. 2800
9. 
10.  $\frac{2}{5}$
11. 9
12. 6
13. heptagon
14.  $60 + 70 = 130$
15. £22.75
16. 5
17. 7500
18.  $\frac{2}{3}$
19. 1 out of 7
20.  $16\text{ m}^2$

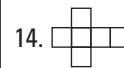
### Wednesday

1. 100
2. 18 999
3.  $12\text{ m}^2$
4.  $90 \div 6 = 15$
5. 12.9
6.  $\frac{8}{20}$
7. 74.64
8. thousandths
9. Z
10. 30
11. 2
12.  $80^\circ$

13. 257 000
14. 0.8
15. £19.00
16. heptagon
17. 2230
18. 10 500
19.  $90^\circ$
20. 0200


## Thursday

1. 8
2. 4
3. 1500
4. 7
5. 600
6. 13
7.  $100 \times 5 = 500$
8. 9999
9. 10
10. Teacher check
11. 2
12.  $\frac{3}{8}$
13. 33



15.  $\frac{1}{4}$
16. £12.50
17. 1989
18. 27
19. 60
20. £12.00

## Friday test – page 96

1. 8
2. 3.52
3. 98 999
4. hexagonal pyramid
5. 2000
6. 0.05
7. 2
8.  $\frac{1}{3}$
9. 0.15
10. 24
11.  $\frac{1}{3}$
12. 4.15
13. 8
14. 
15. 5500
16. 4
17. 26.65
18. 7
19. 12
20. 15
21. thousandths
22. 45
23.  $120 \div 6 = 20$
24. 1 out of 7
25. 3

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 31 pages 62 – 63

### Monday

- $\frac{1}{4}$
- 12.75
- 
- 0.06
- 4500
- 9.899
- false
- 399 958
- 52.43
- 7000
- 110 010
- $36 \div 6 = 6$
- £2.00
- irregular
- false
- 144
- $40 \text{ cm}^2$
- 4
- 8
- $\frac{12}{20}$

### Tuesday

- $\frac{5}{8}$
- $24 \text{ cm}^2$
- 35.38
- 1 000 001
- 631 299
- $\frac{4}{5}$
- $150 + 250 = 400$
- 100 000
- 
- 2 out of 13
- 1
- 20
- 24
- 3
- D
- 0000 hours
- $3\frac{1}{2}$
- 1900
- 11
- thousands

### Wednesday

- $\frac{1}{5}$
- £5.00
- 9999
- $6\frac{2}{5}$
- hexagonal prism
- 13.5
- 19 993
- prism
- $\frac{9}{12}$
- 16
- 16.899
- $36 \text{ cm}^2$
- $500 - 75 = 425$

- 63
- 4200
- Teacher check
- 3.20 p.m.
- 17 400
- acute
- km

### Thursday

- $\frac{1}{3}$
- 99 980
- $11 \text{ m}^2$
- 0.81
- 198 997
- $20 \times 6 = 120$
- 100 000
- 121
- 20.999
- £8.00
- false
- yes
- kitchen
- 1250
- triangular prism
- 1 hour 15 minutes
- ZZ02
- ZZ04
- ZZ03
- no

### Friday test – page 97

- $\frac{1}{3}$
- 14.25
- K
- 2.91
- no
- 2994
- true
- 9.899
- $49 \div 7 = 7$
- 18
- 42.53
- $\frac{18}{24}$
- $15 \text{ cm}^2$
- 24 cm
- £6.00
- 56 000
- 19
- 121
- 
- hundred thousands
- $10 \text{ m}^2$
- $40 \text{ m}^2$
- 1200 hours
- 0.28
- $250 - 120 = 130$

## WEEK 32 pages 64 – 65

### Monday

- £10.00
- 16 000
- $18 \text{ m}^2$
- 1 000 001
- £27.00
- 188 994
- 1 000 000
- $\frac{2}{5}$
- 10.9
- £10
- 1.201
- £79.50
- approx.  $45^\circ$
- $1\frac{1}{4}$
- 43%
- 0.09
- 
- $75 \div 3 = 25$
- 0.27
- 5.04 cm

### Tuesday

- £25.00
- 1 000 001
- 33.18
- 11.76
- 30
- 268 798
- 1 000 100
- 
- triangular pyramid
- £8.00
- £59.50
- $\frac{9}{12}$
- £28.00
- 18.969
- 0.07, 0.7, 7, 70
- 32
- $\frac{5}{100}$
- $48 - 5 = 43$
- $\frac{8}{5} = 1\frac{3}{5}$
- 190 m

### Wednesday

- £5.00
- 3 hours 5 minutes
- C
- C
- B
- B
- no
- 32 km
- 2
- $\frac{4}{3} = 1\frac{1}{3}$
- no
- 19.4
- 130 000

- £19.50
- $12 + 15 + 18 = 45$
- parallelogram
- $21 \text{ m}^2$
- $3\frac{3}{5}$
- 12 a.m.
- $\frac{5}{6}$

### Thursday

- £2.50
- 
- $21 \text{ cm}^2$
- 4.9
- 1 000 003
- 2
- 8
- £30.00
- 18
- 30, 3.3, 0.3, 0.03
- $\frac{1}{4}$
- 61.38
- 45
- nonagon
- $6 \times 10 = 60$
- £3.60
- $\frac{3}{4}$
- 36
- 8500
- tenths

### Friday test – page 97

- £12.00
- no
- 18 000
- £45.00
- $\frac{6}{4} = 1\frac{2}{4}$  or  $1\frac{1}{2}$
- 6300
- 5500
- $\frac{7}{10}$
- 40
- nonagon
- tenths
- 2
- $15 \times 5 = 75$
- £3.60
- 6.879
- 63%
- 1 000 101
- $\frac{4}{5}$
- 0.09, 0.19, 0.9, 9
- 21.25
- kite
- $45 \text{ m}^2$
- 36 m
- 
- $4\frac{5}{6}$

## WEEK 33 pages 66 – 67

### Monday

- +1, -2
- 1 000 002
- $\frac{40}{9}$
- $12 + 8 = 20$
- 9992
- 18 000
- 60 000
- £20.00
- 50
- $\frac{4}{16}$
- $\frac{720}{16}$
- £5.00
- 
- 21.93
- $180^\circ$
- 6400
- $13 \text{ m}^2$
- 24 m
- $2\frac{3}{7}$
- 2

### Tuesday

- +2, -2
- 64
- 5.5
- 1 000 004
- square pyramid
- 1 100 010
- $\frac{12}{18}$
- tenths
- $25 \text{ m}^2$
- $72 - 12 = 60$
- 65
- 9.899
- decagon
- yes
- $90^\circ$
- 4
- 80 000
- 200
- yes
- 12.59 a.m.



### Wednesday

- 0, -10
- $\frac{8}{4} = 2$
- 320
- $\frac{6}{10}$  or  $\frac{3}{5}$
- $75 \div 3 = 25$
- 0.01
- 109 899
- £45.00
- bathroom
- $18 \text{ m}^2$
- 81
- Teacher check
- 50 000

# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. 2.54
15. 4200
16. heptagon
17. 14 100
18. 12, 14, 15, 16 and 18
19. 8500
20.  $180^\circ$

## Thursday

1. +8, 0, -8
2. hundredths
3. 
4. 30.988
5.  $\frac{3}{5}$
6. p.m.
7. no
8. 1 110 010
9.  $8 \times 5 = 40$
10. tetrahedron
11.  $\frac{5}{6}$
12. kg
13. 3.29
14. 
15. 27
16. 35 201
17. 67 100
18. 10
19. 3
20. 10

## Friday test – page 98



1. +2, -4
2.  $\frac{6}{10}$
3. 0.001
4. hundredths
5. 1700
6. £25.00
7.  $\frac{7}{4} = 1\frac{3}{4}$
8. 104 892
9. 55
10.  $180^\circ$
11. 22.84
12.  $28 \text{ m}^2$
13. 32 m
14. 675
15.  $180^\circ$
16. 6.93
17. £30.00
18.  $90^\circ$
19.  $24 \div 4 = 6$
20. 6.899
21. 4500
22. 1 001 010
23. 20 cm
24. no
25. 8.05 p.m.

## WEEK 34 pages 68 – 69

### Monday

1. £25.00
2. 1 111 111
3. £20.00
4. 100
5. 1 000 000
6. 5
7. 909 082
8. 0, -12
9. heptagon
10.  $90 + 45 = 135$
11. £4.00
12. £82.50
13. 2.5 cm
14. 1900
15. 4
16.  $\frac{5}{3} = 1\frac{2}{3}$
17. octagonal prism
18. £27.00
19. E
20. 76

### Tuesday

1. £5.00
2. 505 043
3. 20
4. true
5. 1 000 003
6. 100
7. 35
8. 
9. 5 out of 11
10. 8.988
11. £30.00
12. £8.00
13. £72.50
14. 
15. hemisphere
16. 2.4
17. 6
18. 1.201
19. 49
20. 157 000

### Wednesday

1. £20.00
2. 1 000 006
3. 1 010 909
4. false
5. 202 015
6. 16
7. +14, -7
8. parallelogram
9. hundredths
10. 4 m
11. 18 m
12. 64

13. 8500
14.  $200 \times 3 = 600$
15. 2800
16.  $13 \text{ cm}^2$
17. 20 cm
18. 19 out of 37
19. £20.00
20. no

### Thursday

1. £15.00
2. 1 000 002
3. 8 cm
4. 1 101 005
5.  $\frac{12}{20}$
6. 202 193
7. 16
8. 0
9. 16
10. 6.0
11. hundredths
12. +4, -2, -6
13. false
14. 2
15. 100
16. 6
17. cricket
18. 9
19. 3
20. 3

## Friday test – page 98


1. £10.00
2. 61 037
3. 2400
4.  $\frac{10}{5} = 2$
5. £15.00
6. B
7. 20.01
8. +6, -3
9.  $100 + 155 = 255$
10. 45
11. 4
12. 11 500
13. 20
14. hemisphere
15. 3
16. 0
17. £40.50
18. false
19. true
20. 8.798
21. 18
22. 18
23. 12
24. 2 out of 6
25.  $800 \times 4 = 3200 \text{ m}$

## WEEK 35 pages 70 – 71


### Monday

1.  $\frac{3}{4}$
2. 1 111 111
3. 1 in 2
4. false
5. 1 000 005
6. 3.52
7. 414 139
8. p.m.
9. £40.00
10. 6
11. 71.876
12. 5
13. 4 m
14. 26 m
15. +10, -10
16. 1.201
17.  $10 \times 8 = 80$
18. 5, 2, 0.09, 0.03
19. yes
20. 12

### Tuesday

1.  $\frac{2}{3}$
2. 7.1
3. £18
4. 0.4
5. 1 000 004
6. 30
7. 515 095
8. 6 m
9. 121
10. 
11. 8500
12.  $\frac{8}{9}$
13. 14
14. sphere
15. A ( $135^\circ$ )
16. p.m.
17. 8.25 p.m.
18. 1.55 p.m.
19. Shrek
20. Harry Potter

### Wednesday

1.  $\frac{3}{4}$
2. £27.00
3. 1 110 011
4. 21 400
5. 6
6. 217 108
7. 132
8. £40.00
9. true
10. 84
11. £27.00
12. 
13. 63.443

14. 46
15. £73.50





17.  $\frac{12}{18}$
18. 9
19. 9 cm
20.  $\frac{17}{8} = 2\frac{1}{8}$

### Thursday

1.  $\frac{4}{5}$
2. 899 893
3. 56.667
4. £12.50
5. 1 000 006
6. 74.424
7. 144
8. 40
9. £30.00
10. 12
11. +5, 0, -5
12. 3600
13.  $11 \text{ m}^2$
14. 24 m
15. 16 m
16. £63.50
17.  $32 + 18 = 50$
18. 8
19. hundredths
20.  $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}$

## Friday test – page 99

1.  $\frac{3}{5}$
2. 1 110 010
3. 144
4. 1 in 2
5. £16.00
6.  $\frac{10}{15}$
7. p.m.
8. £50.00
9. 324 104
10. 
11. 4
12. 77.438
13. 40
14. +6, -12
15. 
16. 7.9
17. sphere
18.  $26 - 12 = 14$
19. 48.243
20.  $\frac{14}{8} = 1\frac{6}{8}$
21. 15
22. 12
23. 3 m, 20 m
24. 9
25. hundredths


# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

## WEEK 36 pages 72 – 73


### Monday

- $\frac{2}{5}$
- 0.08
- 5.38
- $5\frac{2}{3}$
- 808 079
- 1 out of 6
- £50.00
- no
- 6
- £4.50
- tenths
- 25
- kite
- Teacher check
- 15
- 87.963
- 
- 7
- 22.241
- £35.00

### Tuesday

- $\frac{1}{3}$
- 119 899
- 70%
- 178
- 1 000 004
- $\frac{7}{8}$
- 997 987
- 
- yes
- $45 \div 9 = 5$
- 351
- 16
- true
- £18.00
- 41.141
- £12.50
- 3.5 cm
- 1675
- £700
- 210

### Wednesday

- $\frac{1}{2}$
- $\frac{9}{12}$
- Teacher check
- 125%
- triangular prism
- 6.1
- 
- £16.00
- £60.00
- 14
- 115

- 97.943
- 21.382
- 16
- 8500
- 36 km
- 81
- $\frac{47}{9}$
- £4.40
- true

### Thursday

- $\frac{1}{4}$
- parallelogram
- $\frac{3}{4}$
- 0.512
- true
- $250 - 85 = 165$
- 999 899
- 23
- 11 cm
- March 2005
- January 2005
- January 2004 and February 2005
- 15 cm
- 2004
- 1 000 003
- 1
- 4200
- Teacher check
- 4700
- £40.00

### Friday test – page 99

- $\frac{1}{2}$
- 0.07
- 81
- Teacher check
- 30.9
- 0
- 599 995
- 25
- 278
- £100.00
- 11 500
- 6
- Teacher check
- Teacher check
- £24.00
- 93.374
- 14
- 24.532
- $42 \div 6 = 7$
- £62.00
- $\frac{3}{5}$
- 190
- false
- £24.00
- 5400

## WEEK 37 pages 74 – 75

### Monday

- 10
- 1750 hours
- no
- £15 000
- 232 039
- Teacher check
- 92
- 909 965
- 5
- 5 out of 26
- 1 000 000
- $92 + 104 = 196$
- Teacher check
- $1\frac{13}{7} = 1\frac{6}{7}$
- 0
- 40 000
- $90^\circ$
- 1
- 12
- £70.05

### Tuesday


- 30
- £32.00
- 535 010
- 421 706
- 37 900
- $\frac{8}{20}$
- $6 - 4 = 2$
- rhombus
- 1
- 7 cm
- 20 cm
- 1 000 001
- 18 000
- 49
- 
- £4.50
- £72.00
- £100.00
- 72.227
- $\frac{8}{7} = 1\frac{1}{7}$

### Wednesday


- 12
- £4.60
- 36
- 888 879
- Teacher check
- yes
- 3 in 6 or 1 in 2
- £75.00
- 3500
- 20
- 111 000
- 18 000
- 30

- 2200
- 0.6
- 28 m
- 24 m
- £2.00
- £60.05
- $\frac{1}{80}$

### Thursday


- 60
- 5 cm
- 
- 767
- 9
- Teacher check
- trapezium
- $\frac{12}{16}$
- 7200
- 12
- 9
- 0.301
- 3200
- 5 out of 10 / 1 out of 2
- £24.00
- $\frac{1}{10}, \frac{1}{9}, \frac{1}{5}, \frac{1}{2}$
- 64
- 4.25 p.m.
- 575
- 1199

### Friday test – page 100

- 15
- Teacher check
- £5.00
- 30 000
- 1500
- $120 \div 20 = 6$
- 180
- £62.75
- 6
- Teacher check
- 22 cm
- no
- 12
- 1925
- 11
- £38 000.00
- parallelogram
- 4400
- 
- £20.00
- 84.617
- 111.207
- $\frac{9}{6} = 1\frac{3}{6}$  or  $1\frac{1}{2}$
- 3 in 6 or 1 in 2
- $\frac{1}{16}$

## WEEK 38 pages 76 – 77

### Monday

- 1025 hours
- 625
- 7
- $\frac{1}{3}$
- trapezium
- 1 km
- 398
- 7.99
- maths
- PSHE
- 1310 hours
- 1540 hours
- 1210 hours
- English and art
- tens of thousands
- 0.9
- 
- no
- 22.384
- £75.00

### Tuesday

- 1725 hours
- Teacher check
- 75.983
- 9.1
- $\frac{2}{3}$
- 1465
- 18.2
- Teacher check
- equilateral
- $1\frac{11}{6} = 1\frac{5}{6}$
- 35 m
- 95
- £50.00
- no
- 6
- $60 \div 6 = 10$
- 190
- £17.50
- 29
- 198

### Wednesday

- 1230 hours
- 87.677
- £5.80
- 299 045
- 17 000
- 26.244
- 30
- 325
- £500.00
- $\frac{40}{50}$
- 12
- 5
- litres



# NEW WAVE MENTAL MATHS Year 6/Primary 7 book – Answers

14. 11
15. 7500
16. 9
17. £22.00
18. trapezium
19. 11, 13, 17 and 19
20. 393 219

## Thursday

1. 0035 hours
2. parallelogram
3. Teacher check
4. 1700
5. 36.243
6. 893 497
7.  $\frac{35}{50}$
8. 1
9. 5600
10. £10.00
11. 44 m<sup>2</sup>
12. 32 m
13. 54 cm
14. 27
15. 60°
16. 6100
17. 5
18. £7.50
19. 9.01
20.  $9 \times 2 = 18$

## Friday test – page 100

1. 0030 hours
2. Teacher check
3. 83.252
- 4.
5. £52.50
6. 200
7. 6
8. 530
9. no
10. £11.50
11. 2
12.  $90 \div 6 = 15$
13. 7.99
14. £250.00
15.  $\frac{31}{7}$
16. 10.38
17.  $\frac{6}{7}$
18. 6
19. £18.00
20. 11
21. 12
22. 6
23. trapezium
24. 2100
25. 10.01

## WEEK 39 pages 78 – 79

### Monday

1. 5
2.  $\frac{31}{7}$
3. Teacher check
4. 850
5. £6.70
6. 170
7. 80
8. 271 199
9. 36 m<sup>2</sup>
10. 26 m
11. 412 194
12. 3
13. 48 cm
14. 6500
15. 1.6
16. 3
17. 6 out of 13
18. 0
19. 800
20. hundredths

### Tuesday

1. 12
2. 3
3. 63.158
4. 2480
5. 320 000
6.  $49 - 17 = 32$
7. 1200
8. 450
9. 6.83
- 10.
11. £8.50
12. 350
13. true
14. 9 apples
- 15.
16. 5 p.m.
17. £19.97
18. yes
19.  $\frac{4}{5}$
20.  $\frac{16}{24}$

### Wednesday

1. 20
2. £200.00
3. 158
4. 1.6
5. 1
6. Teacher check
7. 1 000 000
8. 8.94
9. kg
10. false
11. 66
12.  $\frac{9}{5} = 1\frac{4}{5}$
13. 0

14. 9
15. 9
16. Teacher check
17. 25 520
18. 140%
19. 36 cm<sup>2</sup>
20. 34 cm

### Thursday

1. 8
2.  $120 + 85 = 205$
3. 23%
4. 440
5. 120
6. 4.8
7. 15
8. 64.8
9. 0.52
10. pentagonal prism
11. 750
12.  $\frac{9}{5} = 1\frac{4}{5}$
13. 45
- 14.
15. 100
16. 43.362
17. thousandths
18. true
19. 2
20. 1.5 km

## Friday test – page 101

1. 9
2. 49
3. 950
4.  $\frac{24}{7}$
5. £7.40
6. pentagonal prism
7. 6300
8. 7
9. Teacher check
10. 32%
11. 0
12. 25.0
13. 71.343
14. 1
15. no
16.  $48 + 14 = 62$
- 17.
18. £400.00
- 19.
20. 12, 14, 15, 16 and 18
21.  $\frac{6}{10}$  or  $\frac{3}{5}$
- 22.
23. 30
24. 800
25. 4

## WEEK 40 pages 80 – 81

### Monday

1. 11
2. Teacher check
3. 3 in 6 or 1 in 2
4. 154
5. 99 999
6. 47
7. 0
8. 240
9. 8.21
10. 23.16
11. 15 500
12. 0.2
13. obtuse
14. 41
15. 7.04
16. £55.00
17. cone
18. 40
19. 60
20. 2.15 p.m.

### Tuesday

1.  $\frac{1}{4}$
2. 50%
3. 25
4.  $1\frac{1}{5} = 2\frac{1}{5}$
5. 18 450
6. £35.00
7. 47.817
- 8.
9. Teacher check
10. 75
11. 1.4
12. 180°
13. true
14. 27
15. 12 km
16. 530
17. true
18. 1.4
19. 10 000
20. 20%

### Wednesday

1. 10
2. Teacher check
3. 235
4. 44.151
5.  $\frac{1}{12}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$
6. 4200
7. 12 800
8. 2500
9. true
10. 0
11. 12.003
12. 4200

13. 5870
14. A
15. 25
- 16.
17. 14
18. heptagon
19. 7
20. 0.24

### Thursday

1. £4.00
2. 17.5
3. no
4. 24
5. 36
6. £200.00
7. 11
8. 0.21
9. 7
10. parallelogram
11. composite
12. £1500
13. 1200
14. Teacher check
15. 0.7, 0.5, 0.25, 0.2
16. 3
17. 13 000
18. 145
19. £6.00
20. 1 000 010

## Friday test – page 101

1. 15
2. no
3. Teacher check
4. parallelogram
5. 210
6. 20
7. £28.00
8. 0.24
9. 20
10. £200.00
11. 3800
12. 0
13. 3.15 p.m.
14. 16
15.  $\frac{23}{10} = 2\frac{3}{10}$
16. 64
17. 500
18. 16
19. heptagon
20. 4800
21. 12
22. 2
23. 10
- 24.
25. 89 018