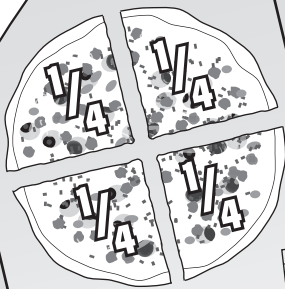
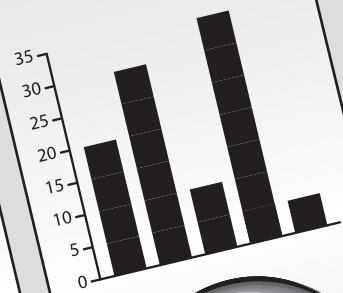
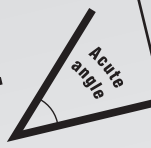
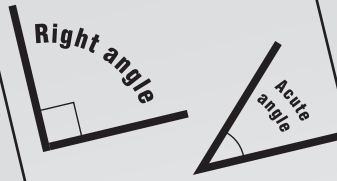
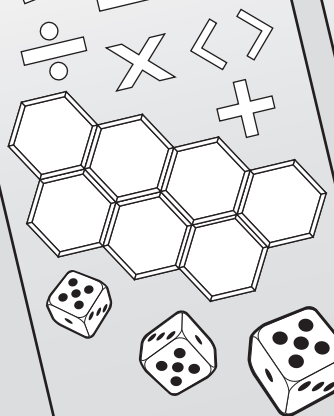


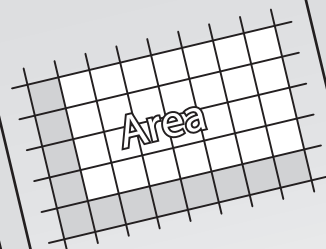
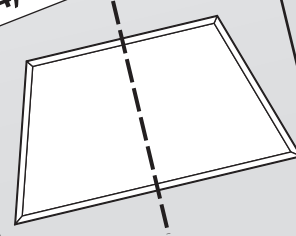
# New wave mental maths



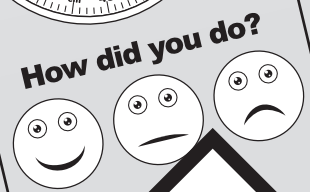
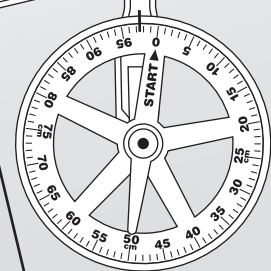
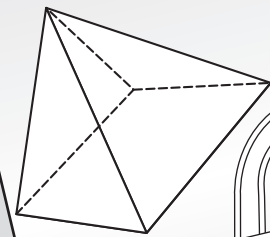
- $1 \times 4 = 4$
- $2 \times 4 = 8$
- $3 \times 4 = 12$
- $4 \times 4 = 16$
- $5 \times 4 = 20$
- $6 \times 4 = 24$
- $7 \times 4 = 28$
- $8 \times 4 = 32$
- $9 \times 4 = 36$
- $10 \times 4 = 40$



24, 34, 44, 54, \_\_\_\_\_



0.25, 0.5, 0.75



Eddy Krajcar



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# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

## WEEK .....1

### NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division

### ALGEBRA

Number patterns  
Number sentences

### SHAPE AND SPACE

2-D shape

### MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (renaming hours and minutes)  
Money

### DATA

Chance

## WEEK .....2

### NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division

### ALGEBRA

Number patterns  
Number sentences

### SHAPE AND SPACE

2-D shape  
3-D shape

### MEASURES

Length  
Weight  
Time (telling)  
Money

### DATA

Chance

## WEEK .....3

### NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Fractions

### ALGEBRA

Number patterns  
Number sentences

### SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry

### MEASURES

Length  
Perimeter

Weight  
Time (telling)  
Money

## WEEK .....4

### NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Decimals

### ALGEBRA

Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry

### MEASURES

Length  
Perimeter  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Money

## WEEK .....5

### NUMBER

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Decimals

### ALGEBRA

Number patterns

### SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Angles

### MEASURES

Length  
Perimeter  
Area  
Weight  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

## WEEK .....6

### NUMBER

Place value  
Rounding  
Basic number facts – addition

Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication – TU x U  
Division – TU ÷ U  
Decimals

### ALGEBRA

Number patterns  
Number sentences

### SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Symmetry

### MEASURES

Length  
Area  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Money

### DATA

Chance

## WEEK .....7

### NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication – TU x TU  
Division – HTU ÷ U  
Decimals

### ALGEBRA

Number patterns  
Number sentences

### SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Symmetry  
Angles

### MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Money

### DATA

Reading pie charts  
Chance

## WEEK .....8

### NUMBER

Place value

# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Division –  $HTU \div U$   
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns

## SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Angles

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts  
Chance

**WEEK .....9**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication –  $TU \times U$   
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns

## SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Angles

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts  
Chance

**WEEK .....10**

## NUMBER

Place value  
Rounding  
Basic number facts – addition

Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns

## SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Symmetry  
Angles

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts

**WEEK .....11**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 999  
Division –  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar, date)  
Money

**WEEK .....12**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Division –  $HTU \div U$

Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts

**WEEK .....13**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Division –  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Symmetry  
Lines (parallel)

## MEASURES

Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts

**WEEK .....14**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Division –  $HTU \div U$   
Fractions  
Decimals

# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

**WEEK** .....15

## NUMBER

Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Division –  $HTU \div U$   
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
Tessellation  
Symmetry  
Lines (parallel)  
Angles

## MEASURES

Weight  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts

**WEEK** .....16

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Multiplication –  $TU \times U$   
Division –  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Money

**WEEK** .....17

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Subtraction within 9999  
Multiplication –  $TU \times U$   
Division –  $HTU \div U$   
Fractions  
Decimals

## SHAPE AND SPACE

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

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

## DATA

Reading pie charts

**WEEK** .....18

## NUMBER

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Subtraction within 9999  
Multiplication –  $TU \times U$   
Division  $HTU \div U$   
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

**WEEK** .....19

## NUMBER

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Subtraction within 9999  
Multiplication –  $TU \times U$   
Division  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number sentences

## SHAPE AND SPACE

2-D shape  
Symmetry  
Lines (perpendicular/parallel/  
oblique)  
Angles

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (days, months, years, calendar)  
Money

## DATA

Reading pie charts

**WEEK** .....20

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Subtraction within 9999  
Multiplication –  $TU \times U$   
Division  $HTU \div U$   
Fractions

# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

Decimals  
Factors

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Nets  
Symmetry  
Lines (oblique/parallel/perpendicular)

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (renaming hours/minutes)  
Money

**WEEK .....21**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Division HTU ÷ U  
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
Lines (parallel/perpendicular/oblique)

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....22**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication – HTU x U  
Division HTU ÷ U  
Fractions

Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Lines (perpendicular/parallel/oblique)  
Angles

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....23**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Division HTU ÷ U  
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
Symmetry  
Lines (horizontal/diagonal/perpendicular/parallel/vertical)

## MEASURES

Length  
Area/Perimeter  
Capacity  
Time (telling)  
Time (calendar)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....24**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication – HTU x U  
Division HTU ÷ U  
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
Tessellation  
Symmetry  
Lines (diagonal/horizontal/vertical)  
Angles

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....25**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Division HTU ÷ U  
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Money

## DATA

Reading graphs  
Chance

**WEEK .....26**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication – TU x U  
Fractions  
Decimals  
Factors

## ALGEBRA

# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

Number sentences  
**SHAPE AND SPACE**

2-D shape  
3-D shape  
Symmetry  
Lines (diagonal/horizontal/vertical)

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....27**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication –  $HTU \times U$   
Division –  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Weight  
Time (telling)  
Time (days, months, years, calendar, date)  
Time (calculations)  
Time (reading timetables)  
Money

## DATA

Chance

**WEEK .....28**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication –  $HTU \times U$   
Division –  $HTU \div U$   
Fractions

Decimals  
Factors  
**ALGEBRA**  
Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
Tessellation  
Symmetry  
Lines (diagonal/horizontal/vertical)

## MEASURES

Length  
Area/Perimeter  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....29**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication –  $HTU \times U$   
Division –  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Time (reading timetables)  
Money

## DATA

Chance

**WEEK .....30**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division

Multiplication –  $HTU \times U$   
Division –  $HTU \div U$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....31**

## NUMBER

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Multiplication –  $TU \times U$   
Fractions  
Decimals

## ALGEBRA

Number patterns

## SHAPE AND SPACE

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

## MEASURES

Length  
Area  
Perimeter  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....32**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction

# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

Basic number facts – multiplication  
Basic number facts – division  
Addition within 9999  
Multiplication – HTU x U  
Division – HTU ÷ U  
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns

## SHAPE AND SPACE

2-D shape  
3-D shape  
Lines (oblique/parallel/perpendicular)

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....33**

## NUMBER

Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Multiplication – HTU x U  
Division – HTU ÷ U  
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns

## SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Lines (horizontal/perpendicular/vertical)

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Money

## DATA

Reading graphs  
Chance

**WEEK .....34**

## NUMBER

Place value  
Rounding  
Basic number facts – addition

Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Division – HTU ÷ U  
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape

## MEASURES

Length  
Capacity  
Time (telling)  
Time (days, months, years, calendar)  
Time (calculations)  
Time (reading timetables)  
Money

**WEEK .....35**

## NUMBER

Place value  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Division – HTU ÷ U  
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....36**

## NUMBER

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication

Basic number facts – division  
Addition to 9999  
Division – HTU ÷ U  
Fractions  
Decimals

## ALGEBRA

Number sentences

## SHAPE AND SPACE

3-D shape  
Angles

## MEASURES

Length  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Time (reading timetables)  
Money

## DATA

Reading graphs  
Chance

**WEEK .....37**

## NUMBER

Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Division – HTU ÷ U  
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

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

## MEASURES

Length  
Area/Perimeter  
Time (telling)  
Time (days, months, years, calendar)  
Money

## DATA

Reading pie charts  
Chance

**WEEK .....38**

## NUMBER

Place value  
Basic number facts – addition



# CONCEPT DEVELOPMENT – Week by Week Year 5/Primary 6 Book

Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Subtraction within 9999  
Division –  $\text{HTU} \div \text{U}$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
Symmetry  
Lines (diagonal/horizontal/  
perpendicular/vertical)

## MEASURES

Length  
Area/Perimeter  
Weight  
Capacity  
Time (telling)  
Time (calculations)  
Money

## DATA

Chance

**WEEK .....39**

## NUMBER

Place value  
Rounding  
Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Addition to 9999  
Subtraction within 9999  
Multiplication –  $\text{HTU} \times \text{U}$   
Fractions  
Decimals  
Factors

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Symmetry  
Lines (horizontal/vertical/diagonal)

## MEASURES

Length  
Area/Perimeter  
Weight  
Time (telling)  
Time (days, months, years,  
calendar)  
Time (calculations)  
Money

**WEEK .....40**

## NUMBER

Place value

Basic number facts – addition  
Basic number facts – subtraction  
Basic number facts – multiplication  
Basic number facts – division  
Subtraction within 9999  
Multiplication –  $\text{HTU} \times \text{U}$   
Division –  $\text{HTU} \div \text{U}$   
Fractions  
Decimals

## ALGEBRA

Number patterns  
Number sentences

## SHAPE AND SPACE

2-D shape  
3-D shape  
Tessellation  
Symmetry

## MEASURES

Length  
Weight  
Time (telling)  
Time (days, months, years,  
calendar)  
Time (calculations)  
Money

## DATA

Reading pie charts  
Chance

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 1 pages 2 – 3

### Monday

- Teacher check
- 9
- pentagon
- 20
- 5
- 303
- 243
- 3
- semicircle
- 8
- 18
- £1.45
- hundreds
- 1 hour 10 min
- 1
- 1 m
- 8 litres
- 1 in 2
- 4
- 22 minutes past 8

### Tuesday

- Teacher check
- 4
- 521
- 13
- 4
- 550
- 5
- £1.50
- hexagon
- 5
- £2.20
- Teacher check
- 90
- oval
- 1 kg
- 8
- 18
- 8 minutes past 11
- 12
- 1 hour 15 min

### Wednesday

- Teacher check
- 12
- £4.05
- 3
- octagon
- 707
- 12 minutes past 3
- 637
- 32
- 6
- 1 in 2
- 1 hour 25 min
- Teacher check
- 200 g

15. 5

- 32
- hundreds
- 7
- 15
- 7

### Thursday

- Teacher check
- 6
- pentagon
- £6.90
- 4
- £6.50
- 80
- 5
- 9
- parallelogram
- 35
- 1
- 21
- 21 minutes past 3
- 645
- 11
- 754
- 1 hour 30 min
- one
- 22

### Friday test – page 82

- Teacher check
- 12
- 6
- 2 m
- 4
- hexagon
- £5.50
- 80
- 652
- semicircle
- £1.59
- 8
- 42
- 2 kg
- oval
- 24
- 6 litres
- 1 hour 30 min
- tens
- 1
- 8
- 1 in 2
- 818
- 2 minutes past 10
- 18

## WEEK 2 pages 4 – 5

### Monday

- Teacher check
- 45
- pentagon
- 954
- 10
- 919
- 6
- 21
- cone
- 2
- 1000
- 81
- 18 minutes past 5
- 5
- 8
- 35
- 4 cm
- 100
- Teacher check
- £1.50

### Tuesday

- Teacher check
- 3
- 27
- 25
- 60
- 10
- 32
- 5
- cylinder
- £3.00
- 824
- 73
- 6
- 3 cm
- (b) rhombus
- 6
- Teacher check
- 27 minutes past 7
- £6.10
- £8.59

### Wednesday

- Teacher check
- 9
- 779
- 50
- 30 km
- 784
- £3.10
- hexagon
- 4
- £9.00
- 24
- 1 in 6
- 1000
- 52

15. 7

- 5 cm
- Teacher check
- 10
- 5
- 5 minutes past 12

### Thursday

- Teacher check
- 2 cm
- 4
- 15
- 125
- £1.10
- 5
- £5.05
- 18
- 13 minutes past 10
- 1 in 6
- 93
- Teacher check
- octagon
- 8
- 1000 m
- 5
- 971
- 25
- £7.50

### Friday test – page 82

- Teacher check
- 150
- 5
- cylinder
- 3 cm
- 1000
- 9
- 1105
- 3
- 1000 g
- 45
- £1.10
- 23 minutes past 8
- 5
- Teacher check
- 3
- 24
- £8.60
- rhombus
- 1000 m
- 1 in 6
- 40
- £2.00
- 40 km
- 32

## WEEK 3 pages 6 – 7

### Monday

- Teacher check
- 6
- triangular pyramid
- 16
- 2543
- 6
- 54
- hundreds
- Teacher check
- 270
- 8
- 73
- 24 cm
- no
- 1500
- 4
- £45.00
- 33
- £2.80
- 30

### Tuesday

- Teacher check
- triangular prism
- 5
- 17
- Teacher check
- 95
- 9
- 27 cm
- 91
- £9.89
- 0 minutes past 2
- no
- false
- £21.00
- 150
- 5392
- 40
- £3.80
- 800
- 5

### Wednesday

- Teacher check
- 4372
- £5.90
- 3500 g
- cylinder
- 12
- 7
- 28 cm
- 4
- 64
- yes
- Teacher check
- £7.40
- 6

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

15. false
16. 21 minutes past 11
17. 28
18. 90 kg
19. 330
20. 4

## Thursday

1. Teacher check
2. Teacher check
3. 23 cm
4. 10
5. £1.90
6. 14
7. 7
8. 550
9. £2.50
10. £8.49
11. A
12. 100
13. 3723
14. square pyramid
15. 8
16. 36
17. 24
18. false
19. 30
20. 420

## Friday test – page 83

1. Teacher check
2. 3489
3. 16
4. 104
5. £1.90
6. Teacher check
7. 100
8. 230
9. 8
10. 4
11. z
12. 1200
13. 450
14. 24
15. square pyramid
16. £8.90
17. 25 kg
18. 2 minutes past 11
19. triangular prism
20. 5
21. oval
22. £7.50
23. 27 cm
24. £2.50
25. 5

## WEEK 4 pages 8 – 9

### Monday

1. Teacher check
2. 48
3. octagon
4. 8249
5. 8 r 2
6. 1.0
7. true
8. 2
9. pentagon
10. 1000
11. 210
12. 899
13. 32 cm
14. F
15. 12
16. tenths
17. 15 April
18. 4
19. 0.2
20. 75

### Tuesday

1. Teacher check
2. 800
3. 50 kg
4. 5397
5. 1.0
6. 3 r 1
7. true
8. equilateral
9. 28 cm
10. octagon
11. 1100
12. 6
13. 0.3
14. 2 July
15. 600
16. 3100
17. 0.8
18. 1000
19. 56
20. 4

### Wednesday

1. Teacher check
2. 9
3. 999
4. 7536
5. Teacher check
6. 0.2
7. 5 r 2
8. 6
9. false
10. rhombus
11. 1100
12. scalene
13. 700
14. tenths

15. £3.20
16. 31 January
17. 1000 mL
18. £2.40
19. 36
20. 160

## Thursday

1. Teacher check
2. cone
3. £60.00
4. 15
5. 0.4
6. 9275
7. 48
8. 4 r 7
9. 7
10. isosceles
11. 800
12. K
13. 20
14. 13 January
15. 0.7
16. true
17. 400
18. 32
19. 160
20. £6.20

## Friday test – page 83

1. Teacher check
2. 900
3. true
4. 9362
5. 56
6. 2100
7. 1001
8. 3
9. £2.50
10. 48
11. 1
12. 7 r 3
13. £2.20
14. isosceles
15. true
16. 270
17. 4
18. 0.4
19. 17 March
20. 0.9
21. pentagon
22. 800
23. equilateral
24. 50 kg
25. tenths

## WEEK 5 pages 10 – 11

### Monday

1. Teacher check
2. 66
3. 5
4. 84
5. 4200
6. 1.0
7.  $3\frac{1}{2}$
8. equilateral triangle
9. 1 hour 15 min
10. 2000
11. 1001
12. 6 r 2
13. open box
14. 0.9
15. 30 September
16. £3.20
17. 8
18. 33 cm
19. 9
20. 1

### Tuesday

1. Teacher check
2. 15
3. £1.30
4. 6200
5. 54
6. 1.2
7. 7000
8. 1 minute past 5
9. £2.50
10. triangular pyramid or tetrahedron
11. 0.7
12. 4
13. pentagon
14. 1 May
15. 9
16. true
17. 6
18. 4 r 5
19. 1 hour 30 min
20. 1.0

### Wednesday

1. Teacher check
2. 1010
3. 3.0
4. 31 July
5. parallelogram
6. 35
7. 1 hour 20 min
8. scalene triangle
9. 17 minutes past 7
10. cone
11. 0.6
12. 6000
13. 8

14. 95
15. £9.54
16. 12
17. multiply L x W
18. 8
19. 1.0
20. £2.50

## Thursday

1. Teacher check
2. 6
3. 4
4. £5.30
5. 65
6. 1 hour 15 min
7. 10.1
8. 25 minutes past 3
9. 2
10. cylinder
11. 0.2
12. 6
13. true
14. 19 cm
15. isosceles
16. 28
17. 32
18. 1
19. 10 r 3
20. false

## Friday test – page 84

1. Teacher check
2. 3000
3. 1
4. 10
5. 0.6
6. 2 cm
7. 1010
8. £6.60
9. 84
10. C (open box)
11. 8
12. £21.00
13. 3700
14. 1 hour 20 min
15. 5
16. 45
17. scalene
18. 23 cm
19. triangular pyramid
20. 10 r 3
21. 30 November
22. 27
23. £12.50
24. £7.50
25. 21 minutes past 5

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 6 pages 12 – 13

### Monday

- Teacher check
- Teacher check
- $1\frac{1}{2}$  cm or 1.5 cm
- £5.60
- 1.3
- 1475
- 1.2
- 6372
- Teacher check
- 14
- 1 in 6
- 0.8
- 35
- false
- 9000
- 56
- August 30
- true
- 470
- 1000

### Tuesday

- Teacher check
- 8
- 1789
- £3.70
- Teacher check
- 10.2
- Teacher check
- 35
- triangular prism
- 14
- 8547
- 1.5
- 1 May
- £12.50
- tenths
- 63
- Teacher check
- 3 in 6 / 1 in 2
- 1.7
- true

### Wednesday

- Teacher check
- 30p
- Teacher check
- 270
- Teacher check
- 70
- 8
- 53
- 3 in 6 / 1 in 2
- square pyramid
- 1.6
- $3\frac{1}{2}$  cm or 3.5 cm
- 132
- 7500

15. 7384

- £19.00
- 1889
- 16
- 2.4
- 130

### Thursday

- Teacher check
- 4000
- Teacher check
- 1.7
- 110
- Teacher check
- £1.98
- £2.30
- yes
- cube
- 20
- 108
- 3.4 m
- 0 in 6
- 64
- 9378
- 4.2
- 106
- 1700
- 130

### Friday test – page 84

- Teacher check
- 7438
- £2.20
- Teacher check
- $2\frac{1}{2}$  cm or 2.5 cm
- 18
- 3.6
- 1 in 6
- 56
- 1.2
- 33
- 1250
- yes
- 18
- 20
- 4800 m
- £12.50
- 690 cm
- B (cube)
- £7.65
- 3.8 km
- Teacher check
- 29 November
- Teacher check
- 2689

## WEEK 7 pages 14 – 15


### Monday

- Teacher check
- 0.1
- pentagon
- 13
- 180
- £14.20
- 1.6
- thousands
- Teacher check
- 5
- 7.3 km
- false
- isosceles
- 28
- 210
- 1.9
- 30 July
- $\frac{1}{2}$
- 1600
- 3894

### Tuesday

- Teacher check
- 8
- 42
- 1.2
- 205
- 1.4
- 4.2 kg
- triangular prism
- £1.65
- cylinder
- 1 February
- 14
- 9429
- $\frac{1}{4}$
- 100
- 6000
- 22 minutes to 6
- 23
- 350
- £12.80

### Wednesday

- Teacher check
- 5731
- £9.99
- 3.7
- 4
- 47
- 2.6
- Teacher check
- 280
- 
- 2
- 56
- 7 minutes to 11
- 110


15. 1.0

- 2 in 6 / 1 in 3
- 1000 mL
- $\frac{1}{4}$
- £13.20
- 0

### Thursday

- Teacher check
- $\frac{3}{4}$
- Teacher check
- 1.6
- no
- 155
- 5.4
- 170
- 4
- 18 minutes to 9
- £8.54
- 2.2 m
- 2.0
- 40 m
- 3 in 6 / 1 in 2
- £7.50
- 105
- 132
- 120
- 4755

### Friday test – page 85

- Teacher check
- £12.60
- 150
- 6.8
- 29 September
- Teacher check
- 170
- 100
- 150
- triangular prism
- 2
- 13
- 8000
- yes
- 6.4 km
- £3.25
- $\frac{1}{4}$
- 9
- 
- 5
- 120 km
- 3286
- 35
- 28 minutes to 3
- 3.4 m

## WEEK 8 pages 16 – 17

### Monday

- Teacher check
- 6843
- 1 hour 15 min
- 150
- 4719
- £8.70
- 9.7 km
- 20
- Teacher check
- 4
- 0.1
- 1.0
- equilateral
- 18 cm
- £12.55
- 7000
- $\frac{1}{4}$
- 28
- 72
- 2 in 6 / 1 in 3

### Tuesday

- Teacher check
- 6
- £7.50
- 110
- 8.7 m
- 1.9
- Teacher check
- 7308
- isosceles
- 20 cm
- 1.1
- 1 hour 29 min
- Teacher check
- 2 t
- $\frac{1}{4}$
- 13
- £15.99
- 3 in 6 / 1 in 2
- 4
- 24

### Wednesday

- Teacher check
- 1.0
- 130
- 4731
- 0.6
- 6
- 1 hour 34 min
- scalene
- 18 cm
- rhombus
- £14.05
- 20
- £3.60
- 2.4 kg

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

15. false
16.  $\frac{1}{4}$
17. 54
18. £3.75
19. Teacher check
20. 23

### Thursday


1. Teacher check
2. 24
3. £13.50
4. 2093
5. 1.3
6. 1 hour 40 min
7. 110
8. £19.59
9. 3 in 6 / 1 in 2
10. cone
11. 42
12. 1.8
13. £11.40
14.  $\frac{3}{4}$
15. 16
16. Teacher check
17. 15
18. £2.50
19. 14
20. true

### Friday test – page 85

1. Teacher check
2. 150
3. £8.70
4. 9824
5. 1 hour 30 min
6. 24
7. 42
8. 1.7
9. Teacher check
10. 1
11. £12.59
12. 3.3 km
13.  $\frac{1}{4}$
14. square pyramid
15. Teacher check
16. 7
17. 10 000
18. 3 in 6 / 1 in 2
19. 14
20. 4
21. scalene
22. 26 cm
23. 23
24. 30
25. 6

### WEEK 9 pages 18 – 19

#### Monday

1. Teacher check
2. 4
3. parallelogram
4. 9 minutes to 3
5. 25
6. 1.6
7. 3502
8. 2 hours 0 min
9.  $\frac{2}{3}$
10. 4 in 6/2 in 3
11. £14.25
12. 1.0
13. 
14. 30 cm
15. £12.70
16. 400
17. 50 km
18. 90
19. 4700 m
20. 140

#### Tuesday

1. Teacher check
2. 16
3. 22 minutes to 11
4. true
5. 0.1
6. 110
7. 2 hours 25 min
8. 2 in 6 / 1 in 3
9. 6
10. 310
11. 6
12. 260 cm
13. square pyramid
14.  $\frac{1}{3}$
15. 5
16. 4
17. 27 cm
18. £18.50
19. 20
20. 9031

#### Wednesday

1. Teacher check
2. 4 r 1
3. 8
4. false
5. 8
6. 130
7. 0.9
8. 530
9. 5640
10. 20 minutes to 6
11. 10
12. 4
13. 5
14. 19

15. 4800 g
16. £150.00
17. 480
18. 63
19. £13.80
20. false

### Thursday

1. Teacher check
2. £50.00
3. 6
4. 3 in 6 / 1 in 2
5. 1.6
6. 28 minutes to 12
7. 160
8. 2 hours 35 min
9. true
10. £17.09
11. 2479
12. 21
13. 6003
14. 4
15. 100
16. 740
17. £10.50
18. 630
19. 18
20. 7000

### Friday test – page 86

1. Teacher check
2. false
3. 1.9
4. 120
5. 151
6. 4
7. 1.2
8. 2900 g
9. £12.10
10. 21 minutes to 11
11. 140
12. £57.50
13. 420
14. 5
15. 21 cm
16. 750
17. equilateral triangle
18. 20
19.  $\frac{2}{3}$
20. 6405
21. parallelogram
22. 2 hours 15 min
23. 18
24. 7900 m
25. 5 in 6

### WEEK 10 pages 20 – 21

#### Monday

1. Teacher check
2. thousands
3. triangular pyramid
4.  $3\frac{1}{2}$  cm
5. 30 March
6. 25
7. 1.4
8. 4
9. £10.90
10. 700
11. 24
12. 1.1
13. open box
14. 120
15. 9402
16. 670 cm
17.  $\frac{1}{3}$
18. £2.30
19. 9.9
20. true

#### Tuesday

1. Teacher check
2. 30 June
3.  $\frac{1}{3}$
4. 11
5. 5000
6. 5
7. 3200
8. cylinder
9. 26 cm
10. cone
11. 48
12. X
13. 5
14. 7490
15. £14.50
16. 36
17. 1.0
18. 3 hours 0 min
19. 2.3
20. false

#### Wednesday


1. Teacher check
2. 872
3. 175
4. 1
5. £50.00
6. 3.8
7. 49
8.  $\frac{1}{3}$
9. 32
10. semicircle
11. 30
12. 5
13. 3 July
14. £15.30

15. 0.7
16. 75 kg
17. 1.3
18. £14.00
19. 400
20. £24.00

### Thursday

1. Teacher check
2. octagon
3. 5 cm
4. none
5. £8.20
6. 45 cm
7. 72
8. 4
9. 1.1
10. square pyramid
11. 19
12. £19.05
13. 5600
14.  $\frac{2}{3}$
15. 140
16. 3603
17. 84
18. 1.2
19. true
20. 3357

### Friday test – page 86

1. Teacher check
2. 6
3. 24
4.  $\frac{1}{3}$
5.  $2\frac{1}{2}$  cm or 2.5 cm
6. 81
7. 8
8. £11.05
9. 72
10. 160
11. £8.90
12. 1.2
13. £20.00
14. 
15. 42
16. false
17. 9503
18. 1.7
19. triangular prism
20. 150 kg
21. 1 hour 40 min
22. 6 thousand
23. false
24. 900
25. 31 January

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 11 pages 22 – 23

### Monday

- Teacher check
- 389
- pentagon
- July
- £8.20
- 30
- 3
- 28
- yes
- 26
- 22
- 15
- 6
- 125p
- 1000
- tenths
- $4\frac{1}{2}$  cm
- 12
- $\frac{1}{4}$
- 210

### Tuesday

- Teacher check
- 878
- 15
- 180
- 4
- September
- 10
- octagon
- $2\frac{1}{2}$
- 50
- 295p
- 30
- yes
- 440
- 24
- 14
- $\frac{1}{2}$
- 2025
- 132
- £6.80

### Wednesday

- Teacher check
- 995
- 208
- October
- £6.00
- true
- 2
- no
- 32
- 888
- 4072
- $5\frac{1}{2}$
- 80
- 950p

15.  $\frac{3}{4}$

- 32
- £3.30
- 1
- 12
- 21

### Thursday

- Teacher check
- $3\frac{1}{2}$
- rhombus
- 50
- 897
- May
- 38
- 3
- 18 km
- no
- true
- 190
- 18
- 749p
- $\frac{1}{5}, \frac{2}{10}$
- 15
- 5619
- 25
- £11.10
- 1.1

### Friday test – page 87

- Teacher check
- 15
- August
- 994
- 160
- no
- 140
- false
- £2.50
- 4
- 1
- 578
- 34
- 4
- 10
- 256p
- $\frac{1}{4}$
- 15
- octagon
- 240
- 9000
- £18.00
- tenths
- 56
- 7408

## WEEK 12 pages 24 – 25

### Monday

- Teacher check
- $\frac{1}{10}$
- 90 m
- £10.80
- 550p
- 0.7
- 8557
- 69
- 5
- 1
- 20
- 0.8
- sphere
- 5
- 10
- 5
- 2 cm
- £1.50
- 017
- 2

### Tuesday

- Teacher check
- 1.1
- $\frac{3}{4}$
- 9010
- 0.3
- no
- 9000
- 4798
- 8
- 8
- April
- 10
- 300 m
- 4
- 34
- thousand
- 246
- 60
- 1
- £2.50

### Wednesday

- Teacher check
- 4000
- 609p
- 7011
- 12
- 7
- yes
- 1 hour 30 min *or* 90 min
- 50
- 3
- 1.4
- 50 m
- 127

- 10
- 6485
- 3
- 730
- 20
- 1.2
- £5.90

### Thursday

- Teacher check
- $\frac{1}{3}$
- 775p
- 7100
- 0.9
- 6000
- 0.5
- Teacher check
- 11
- 24
- 11 000
- 1.1
- 12
- 48 cm
- 5
- 368
- 1.8
- £16.30
- 167
- 50

### Friday test – page 87

- Teacher check
- 14
- 0.5
- $\frac{3}{10}$
- 1.4
- no
- 0.7
- 750p
- 8000
- 6100
- 9
- 127
- 4
- 8
- 067
- thousands
- £1.50
- 60
- 6 cm
- 6598
- sphere
- 2
- 50 m
- £15.00
- 16

## WEEK 13 pages 26 – 27

### Monday

- Teacher check
- 1000 mL
- circle, rectangle
- 5
- 405p
- 1000
- 1 hour 15 min *or* 75 min
- 3
- $\frac{1}{5}, \frac{2}{10}$
- 5
- yes
- 5320
- rd
- 3150
- 9
- $\frac{2}{10}$
- 6588
- 16
- 320 m
- 5000

### Tuesday

- Teacher check
- parallelogram
- 4
- 10
- 2.5 L
- yes
- 10
- d
- $\frac{1}{2}$
- 4
- triangle, rectangle
- 20
- 3469
- 12
- 50
- 45
- 955p
- 90
- 140
- $\frac{2}{4}$

### Wednesday

- Teacher check
- 1259p
- 10
- 6400 mL
- no
- 1 hour 45 min *or* 105 min
- 20
- e
- square, triangle
- $\frac{9}{10}$
- 6019
- no

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

13. true
14. 19
15. true
16. 24
17. 800
18. 9986
19. 5
20. 102

## Thursday

1. Teacher check
2.  $\frac{4}{6}$
3. 1.3
4. 8
5. 4
6. 4
7. 8.9 L
8. 15
9. 1049p
10. 139
11. 2 hour 0 min or 120 min
12. 5
13. 23
14. £800
15. yes
16. 14
17. true
18. 170
19. 160
20. 32 cm

## Friday test – page 88

1. Teacher check
2. 25
3. 750p
4. 11 975
5. 12
6. 1 hour 45 min = 105 min
7. 20
8. true
9.  $\frac{4}{10}$
10. pentagon
11. 2.2 L
12. yes
13. 8858
14. 35
15. 171
16.  $\frac{2}{4}$
17. no
18. 180
19. 40
20. circle, rectangle
21. £3.20
22. 7
23. 100
24. yes
25. 12

## WEEK 14 pages 28 – 29

### Monday

1. Teacher check
2. 1.3
3. 5479
4. 3.2
5. 9400
6. 140
7. 10
8. 40
9. cone
10. 13
11. <
12. true
13. 0.5
14.  $\frac{5}{10}$
15. May
16. 2 hours 15 min or 135 min
17. Teacher check
18. 90
19. 81
20. 99

### Tuesday

1. Teacher check
2. sphere
3. 0
4. 7620
5. true
6. 6
7. 32
8. Teacher check
9. 100
10. equilateral
11. 21 cm
12. 50
13. =
14. 1450p
15. 2 December
16. £24.50
17. 123
18. 6000
19. £16.20
20. 7977

### Wednesday

1. Teacher check
2. 4
3. 2
4. false
5. 3
6. 6
7. yes
8. ○
9. 21 June
10. pentagon
11. 0.1
12. 1995p
13. 1.5

14. yes
15. 67
16. >
17. 65
18. 45 km
19. 16
20. 7000

### Thursday

1. Teacher check
2. no
3. 0.25
4. 2 hours 30 min or 150 min
5. 6
6. 17
7. 7386
8. 550
9. 130
10. 1705p
11. true
12. 82
13.  $\frac{8}{12}$
14. Teacher check
15. 30 March
16. 80
17. yes
18. 6900
19. 0.9
20. hundredths

## Friday test – page 88

1. Teacher check
2. 6000
3. 25
4. parallelogram
5. 9788
6. £3.80
7. 4
8. 30
9. 1.6
10. 54
11. 109
12. 20
13. 45
14. >
15. 29 April
16. true
17. 130
18. 21
19. square
20. true
21. Teacher check
22. 0.5
23. £64.00
24. 2.6
25. Teacher check

## WEEK 15 pages 30 – 31

### Monday

1. Teacher check
2. 6
3. 190
4. 0.2
5. 140
6. 10
7. =
8. 16
9. no
10. 7 February
11. 10
12. 25
13. 5
14. 6712
15. 3
16. 25
17. 6
18. 12
19. 24
20. 1.5

### Tuesday

1. Teacher check
2. 1505p
3. 22
4. 250
5. 5
6. 2 hours 30 min or 150 min
7. 0.4
8. 171
9. 1 January
10. yes
11. >
12. 15
13. Teacher check
14. yes
15. octagon
16. £15.00
17. 7
18. 0.7
19. £7.60
20. 20

### Wednesday

1. Teacher check
2. 4
3. 60
4. 3
5. 1995p
6. 7 November
7. £9.50
8. 171
9. 48
10. no
11. £17.00
12. <
13. 20

14. 1
15.  $\frac{1}{2}$
16. scalene
17. 91
18. 16
19. 1.2
20. 9

### Thursday

1. Teacher check
2. 2010p
3. 171
4. 4
5. 4
6. 4
7. 3 hours 15 min or 195 min
8. yes
9. 55
10. no
11. 90
12. 0.75
13. 36
14. isosceles
15. 9849
16. 8
17. 0
18. 5
19. Teacher check
20. £3.50

## Friday test – page 89

1. Teacher check
2. 5
3. 5
4. 5
5. 30
6. 170
7. 27
8. £21.00
9. 0.6
10. no
11. 1.8
12. scalene
13. 2 January
14. 36
15. =
16. 13
17. no
18. 10
19. 3
20. Teacher check
21. 5
22. £50.00
23. £12.00
24. 5
25. 10

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 16 pages 32 – 33

### Monday

- Teacher check
- 15
- 12
- true
- 1000 m
- 161
- 28
- 7189
- hexagon
- 200
- no
- 2.8
- 15
- Teacher check
- 140
- 9999
- yes
- 400
- =
- 0.6

### Tuesday

- Teacher check
- >
- 230
- 52
- 1400
- 200
- 9.9
- parallelogram
- Teacher check
- 9850
- no
- yes
- 3
- 240
- 70
- 20
- 32
- 12
- 25
- 500

### Wednesday

- Teacher check
- 370
- 200
- 8
- circle, rectangle
- 0
- 2.7
- 54
- 1
- 20
- 2900
- no
- 25
- 7

- 79
- 104
- 8999
- 12
- 126, 135 or 140
- 6

### Thursday

- Teacher check
- 1700 m
- £20.00
- 25
- 10
- no
- 28
- yes
- 1.1
- 7485
- 7
- 20
- £9.20
- <
- 0.25
- true
- no
- 4
- 3
- Teacher check

### Friday test – page 89

- Teacher check
- 18
- 45
- 7915
- 10
- 36 m<sup>2</sup>
- hundredths
- 44
- yes
- 500
- 12
- £12.50
- 32
- >
- true
- yes
- 50
- 1.7
- no
- 0.25
- 7.4 km
- 7700
- 45
- 30
- 21

## WEEK 17 pages 34 – 35

### Monday

- Teacher check
- 2505p
- 8E
- 99
- 110
- 351, 360, 390 or 400
- 3 hours 30 min or 210 min
- 17
- pentagon
- 0.3
- 222
- 6
- parallel lines
- 2
- 9819
- 50
- 30
- 750 m
- 110
- $\frac{8}{10}$

### Tuesday

- Teacher check
- 1940p
- 55
- 0
- hundredths
- 80
- 3 hours 15 min or 195 min
- octagon
- 124
- 51
- non-parallel lines
- 0.4
- 16
- 200 m
- right
- 5500
- 8
- true
- 60
- 130

### Wednesday

- Teacher check
- 471
- 28
- 140
- non-parallel lines
- 0.03
- 891, 900, 990 or 1000
- open box
- 7
- 7
- 14

- 21
- 0.9
- no
- true
- Teacher check
- 4700
- $\frac{4}{6}$
- £5.00 each
- 200

### Thursday

- Teacher check
- 60
- yes
- 15
- acute
- August
- Teacher check
- 121
- 35
- triangular prism
- 4202
- 7430
- 69
- st
- 0.7
- £4.50
- 33
- 50
- 3000p
- 3 hours 45 min or 125 min

### Friday test – page 90

- Teacher check
- 8
- 99
- 1550p
- 61
- 3 hours 30 min or 210 min
- 0.6
- 643
- 100
- parallelogram
- 0.8
- 36
- 7212
- non-parallel lines
- 7000
- 1000 m
- Teacher check
- 40
- acute
- yes
- nd
- 48
- Teacher check
- thousands
- 3000

## WEEK 18 pages 36 – 37

### Monday

- Teacher check
- 1 May
- cone
- 66
- 3316
- 9
- 12
- 25
- square pyramid
- 441, 450, 490 or 500
- 25
- acute
- 1021
- 0.4
- $\frac{1}{2}$
- true
- Teacher check
- 1 kg
- 17
- 150

### Tuesday

- Teacher check
- no
- 5
- 8
- 35
- obtuse
- 24
- 33
- 6 + 4 = 10
- £36.00
- parallel lines
- 5141
- Teacher check
- 3
- 20 laps
- 2 kg
- 250
- $\frac{1}{2}$
- 58
- 24

### Wednesday

- Teacher check
- 125
- 21
- yes
- Teacher check
- non-parallel lines
- 37
- Teacher check
- 5 + 8 = 13
- £6.50
- 4000
- £6.75
- no



# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

14. 3 hours 30 min or 210 min  
 15.  $\frac{1}{4}$   
 16. 3  
 17. 9  
 18. 6  
 19. 360  
 20.  $\frac{8}{10}$

## Thursday

- Teacher check
- 21
- 31 July
- 41
- 5500 m
- yes
- Teacher check
- 35
- right
- sphere
- 0
- Teacher check
- 345 or 350
- 0.1 km
- 600
- 3662
- 6
- 4 hours 0 min or 240 min
- 2
- $\frac{12}{40}$

## Friday test – page 90

- Teacher check
- 18
- 24
- sphere
- 1 May
- 40
- 170
- Teacher check
- 3
- 250
- 4700
- 19
- 225
- obtuse
- $\frac{8}{10}$
- 1162
- 61
- $\frac{1}{4}$
- £67.20
- Teacher check
- 1500 m
- $10 + 8 = 18$
- 5
- non-parallel lines
- 7000

## WEEK 19 pages 38 – 39

### Monday

- Teacher check
- 7
- qi
- 11
- 16
- 3700 m
- 500
- 1394
- parallel lines
- 80p
- 4959
- 425
- hundreds
- 6
- right
- 0.9
- $7 + 8 = 15$
- $\frac{1}{10}$
- 1.4
- false

### Tuesday

- Teacher check
- 7
- 13
- £5.20
- 18
- 1.9 km
- 1500
- $\frac{3}{4}$
- bo
- Teacher check
- 40
- 6
- 12
- 6
- Teacher check
- 261, 270, 290 or 300
- 2051
- 1.7
- 105
- 1.5

### Wednesday

- Teacher check
- 24
- 4
- 30
- oi
- 23
- 4600 g
- 8915
- 3253
- acute
- 24
- 1st May
- 40

14. 9010  
 15. 42  
 16.  $10 + 5 = 15$   
 17. 3.1  
 18. no  
 19. 3  
 20. 325

### Thursday

- Teacher check
- no
- 48
- 70
- 54
- 870 cm
- 7618
- 441, 450, 490 or 500
- parallel lines
- OB
- obtuse
- 8 April
- false
- Teacher check
- 110
- yes
- 995
- 4.2
- 24
- 3

## Friday test – page 91

- Teacher check
- true
- 43
- 3341
- $\frac{1}{5}$
- Teacher check
- 27
- 225
- non-parallel lines
- pentagon
- 40
- 1 December
- 270
- £1.90
- 4959
- 5025
- 8
- 8
- yes
- 4300
- 7000
- oi
- 120
- 1.1
- 4.1

## WEEK 20 pages 40 – 41

### Monday

- Teacher check
- 56
- 140 m
- 48
- 160
- 1800
- 36
- thousands
- cone
- 1
- 9
- no
- Teacher check
- 1000
- 1.8
- $\frac{1}{2}$
- Teacher check
- 5535
- 3
- 2500

### Tuesday

- Teacher check
- 35
- circle, rectangle
- 140
- $\frac{1}{4}$
- 3.6
- 110
- isosceles
- 7.3
- 8740
- 2965
- 14
- 9
- $12 - 9 = 3$
- £25.00
- 1000 m
- true
- 390 or 400
- 250
- false

### Wednesday

- Teacher check
- 36
- $\frac{1}{5}$
- 2.7
- 6511
- 150
- 60
- triangular pyramid
- 6
- 1 January
- Teacher check
- 490
- 6
- 250

15. non-parallel lines  
 16. £250.00  
 17. 3 hours 15 min or 195 min  
 18. 180 m  
 19. 20  
 20. 2.3

### Thursday

- Teacher check
- $\frac{1}{3}$
- hexagon
- 140
- 170
- £23.00
- 161
- £8.50
- $14 - 10 = 4$
- 5421
- 27
- 0.1
- 9.4
- 121
- 24
- 2.1
- 450
- $16\frac{1}{2}$
- 20
- Teacher check

## Friday test – page 91

- Teacher check
- 46
- 50
- Teacher check
- $\frac{3}{4}$
- Teacher check
- 9.3
- 15
- 320
- 88
- 21
- 130
- 48
- no
- 350
- 1
- 4445
- 36
- scalene triangle
- 5000
- 160 m
- no
- £400.00
- 20 L
- 40

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 21 pages 42 – 43

### Monday

- Teacher check
- 23
- pentagon
- 2960
- $12 - 10 = 2$
- tenths
- parallel lines
- 36
- obtuse
- false
- 48
- 6
- 0.5
- 0.1
- £9.80
- 70
- 3 hours 45 min
- 0.4
- 110
- 5200

### Tuesday

- Teacher check
- octagon
- 108
- 53
- 5
- Wednesday
- Thursday
- Teacher check
- 4
- Teacher check
- 40 or 39
- 11
- B (L)
- 0.7
- 24
- true
- 0
- 4
- 25
- 1.3

### Wednesday

- Teacher check
- 106
- 97
- 11
- hexagon
- Teacher check
- obtuse
- 0.7
- 1
- 4 hours 45 min
- 0.7
- C (kg)
- 100
- £15.10

15. 959

- Teacher check
- 59, 60 or 66
- 5
- 5
- 180

### Thursday

- Teacher check
- Teacher check
- $15 - 12 = 3$
- parallel lines
- 3 hours 50 min
- 94
- 200
- 3.7
- 0.9
- 0.4
- 12
- 5
- £7.20
- 5
- 7001
- 9998
- 130
- 72 or 80
- 24
- D (m)

### Friday test – page 92

- Teacher check
- 21
- 95
- 9000
- £6.50
- hexagon
- 100
- 4160
- false
- Teacher check
- 60
- $20 - 12 = 8$
- 0.4
- 1.6
- parallel lines
- B (kg)
- acute
- 130
- 28
- 1.1
- 0.4
- 210
- 27
- 6900
- 15

## WEEK 22 pages 44 – 45

### Monday

- Teacher check
- 7
- 8995
- $3 \times 5 = 15$
- 1998, 2501, 3002
- 0.4
- £2.50
- 0.1
- Teacher check
- 92
- 360
- 69, 70 or 77
- right
- 19
- 300
- false
- B (kg) or C (g)
- 20
- 21
- 50

### Tuesday

- Teacher check
- 5
- hundredths
- 2
- 3
- 3
- 0.9
- non-parallel lines
- 7090, 7009, 4998
- 0.5
- false
- acute
- Teacher check
- L and mL
- 95
- 0.07
- 30
- 700
- 150
- 0.1

### Wednesday

- Teacher check
- 15
- hundredths
- 0.09
- 4870
- 1700
- 0.6
- 3399, 3985, 6089, 6100
- $5 \times 4 = 20$
- obtuse
- 0.7
- km, cm
- 7

- Teacher check
- 50
- Teacher check
- 49, 50 or 55
- 96
- 32
- 130

### Thursday

- Teacher check
- 4
- no
- 98
- 3100
- 1
- 0.1
- 160
- 1
- acute
- 9200, 9020, 7899, 4890
- 11
- 6
- A (mL)
- 8955, 9000, 9950 or 10 000
- 80
- thousands
- 0.6
- 38
- Teacher check

### Friday test – page 92

- Teacher check
- 96
- 21
- Teacher check
- B (m)
- 23
- 70
- 130
- hundredths
- 0.7
- $10 \times 4 = 40$
- 69, 70, 77 or 78
- 900
- Teacher check
- 13
- obtuse
- 1.0
- 0.7
- 3
- non-parallel lines
- 9199, 9899, 9964, 9989
- 21
- 7851
- true
- 6

## WEEK 23 pages 46 – 47

### Monday

- Teacher check
- 197
- 30 cm
- 7
- 0.7
- 1, 0.9, 0.5
- 5 hours 45 min
- false
- 2050
- vertical
- 24
- 0.3
- equilateral
- 1
- 1 litre 500 mL
- 6
- 6 r 2
- yes
- 1.5
- Teacher check

### Tuesday

- Teacher check
- true
- 106
- 6
- 1.1
- 0
- 6 hours 0 min
- 10
- 24
- 35
- $4 \times 3 = 12$
- 2 km 150 m
- 0.25
- 0.4
- 5 r 4
- 27
- 30
- 0.6
- 150
- horizontal

### Wednesday

- Teacher check
- 108
- 450
- 9
- 4
- Tuesday
- Saturday
- Friday 13th June
- 69, 70 or 77
- 90
- 55
- 7975
- 2 litres 250 mL
- £16.40

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

15. 48
16. 1 km 500 m
17. Teacher check
18. Teacher check
19. 0.5
20. 0.6

## Thursday

1. Teacher check
2. 0.4
3. 5
4. 125
5. 0.4, 0.7, 1.0
6.  $6 \times 5 = 30$
7. 9
8. 0.8
9. £8.30
10. diagonal
11. 2
12. 280
13. 56
14. pentagon
15. mL
16. 1.9
17. 5900
18. false
19. 0.9
20. true

## Friday test – page 93

1. Teacher check
2. 0.6
3. 4 hours 45 min
4. 79, 80, 88 or 89
5. £8.20
6. 40
7. 8600
8. 20 cm
9. 9
10. pentagon
11. 4.45 p.m.
12. 105
13. 1
14. 0.8
15. 3999
16. diagonal
17. 240
18. 0.5
19. 2 litres 500 mL
20. 150
21. equilateral
22. Teacher check
23. C (cm)
24. false
25. 0.9

## WEEK 24 pages 48 – 49

### Monday

1. Teacher check
2. £2.50
3. 2 litres 250 mL
4. 4
5. 1006
6. hundredths
7. 5 hours 35 min
8. 90
9. diagonal
10. 2.1
11. 6000
12. 50 cm
13. pentagon
14. no
15. 0.75
16. 10
17. 12:15
18. 20
19. 0.7
20. 97

### Tuesday

1. Teacher check
2. 2.7
3. 9 r 3
4. 5373, 5400, 5970 or 6000
5. 6 km 250 m
6. 1.2
7. 25 cm
8. no
9. 9430
10. 8
11. 1.2, 1.1, 0.9, 0.7
12. 30
13.  $25 \div 5 = 5$
14. 45
15. Teacher check
16. 1500 m
17. true
18. 1003
19. 94
20. 36

### Wednesday

1. Teacher check
2. 18
3. 2.4
4. 3
5. 0.8
6. 3 litres 500 mL
7. 195
8. 7 hours 55 min
9. 2
10.  $30 \div 3 = 10$
11. 4
12. 0.1, 0.8, 1.4, 2.0
13. 8

14. no
15. 160
16. 7 r 5
17. 150 cm
18. £30.00
19. 0.1
20. 5:10

### Thursday

1. Teacher check
2. 3.6
3. horizontal
4. 9740
5. true
6. 1000
7. 8 r 5
8. 75 cm
9. 28
10. 1.5
11. 4
12. 130
13. 42
14. 7 r 6
15. false
16. 7
17. 1500 g
18. 7 km 750 m
19. 140
20. 35

## Friday test – page 93

1. Teacher check
2. 2.1
3. 140
4. 2 litres 50 mL
5. 5
6. 4 hours 35 min
7. vertical
8. 25 cm
9. 0.75
10. no
11. 4000
12. yes
13. 4
14. 2:50
15. 0.9, 1.3, 2, 2.1
16. false
17.  $20 \div 4 = 5$
18. 250 cm
19. 600
20. £56.00
21. 6 r 6
22. 195
23. Teacher check
24. 72
25. 20

## WEEK 25 pages 50 – 51

### Monday

1. Teacher check
2. 3 litres 950 mL
3. pentagon
4. 3
5. 2.7
6. 69, 70 or 77
7. 2-D
8. 340
9. rectangle
10.  $\frac{1}{2}$
11.  $\frac{2}{10}$
12. 4 hours 15 min
13. 1 October
14. 9
15. 2.4
16. £21.00
17. months
18. bar graph
19. February
20. August

### Tuesday

1. Teacher check
2. scales
3. 2.8
4. 6
5. £28.00
6. 1:55
7.  $\frac{5}{10}$
8. circle
9. 1 in 2
10. octagon
11. true
12. 3.2
13. 3 km 450 m
14. £7.50
15. shopping
16. 3
17. 4
18. 20 cm
19. 20, 22 or 23
20. 750

### Wednesday

1. Teacher check
2. 1.3
3. £41.00
4. Tuesday
5. Teacher check
6. 5
7. Sunday 13th October
8. circle
9. 25
10. 4 litres 50 mL
11. 5
12. 30 April
13. 4
14.  $\frac{9}{10}$

15. true
16. 60
17. 130
18. Teacher check
19. £12.10
20. 9990

## Thursday

1. Teacher check
2. 0.1
3. 8.10 a.m.
4. 6 hours 0 min
5.  $\frac{10}{10}$
6. vertical
7. 5
8. £38.00
9. 2
10. 4:40
11. 670
12. 1500 mL
13. 4.5
14. extra ear
15. 5 km 90 m
16. 24
17. 3-D
18. £11.10
19. 50
20. 5100

## Friday test – page 94

1. Teacher check
2. £50.00
3. 8.15 p.m.
4. 3.6
5.  $\frac{3}{10}$
6. pentagon
7. 650
8. 4
9. 5 litres 905 mL
10. circle
11. 50
12. 195
13. 8
14. February
15. August
16. line
17. 5
18. £10.10
19. 5 hours 15 min
20. 140
21. 60 cm
22.  $\frac{3}{4}$
23. scales
24. false
25. 2.9 km

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 26 pages 52 – 53

### Monday

- Teacher check
- 7
- £10.00
- £5.00
- 130
- 230
- 4 km 5 m
- 1.8
- rdg
- 28
- no
- true
- 6 hours 15 min
- 0.7
- $30 \div 6 = 5$
- 34
- circle
- 25 December
- 17
- 86

### Tuesday

- Teacher check
- 80 cm
- 17
- 10.8
- 150
- 1
- vertical
- rhombus
- 40
- 69.9 kg
- 430
- 4 litres 50 mL
- 12:40
- 6
- 82
- 72
- 20
- go to bed
- 300
- $\frac{8}{10}$

### Wednesday

- Teacher check
- £26.00
- £16.20
- 120
- measuring tape
- 8
- 7 hours 30 min
- isosceles
- 7 km 90 m
- square
- 5
- green sky
- 4
- 280

15. 12

- $45 \div 9 = 5$
- 2.1
- £250.00
- 35
- 200

### Thursday

- Teacher check
- 293
- 2
- 130 cm
- 2:50
- 69
- 110
- 125
- 6.9 kg
- hexagon
- 36
- 0.5
- 25 cm
- Teacher check
- 350
- 7 litres 999 mL
- £19.20
- 54
- horizontal
- 7057

### Friday test – page 94

- Teacher check
- £30.00
- £15.00
- rectangle
- 80
- 5
- 400
- 63
- 1.5
- 160
- £21.00
- 6 km 8 m
- 160
- horizontal
- 7 January
- 4 hours 20 min
- 75
- $50 \div 10 = 5$
- Teacher check
- 68
- £125.00
- $2\frac{1}{2}$
- 60 cm
- 72.9 kg
- 4 litres 90 mL

## WEEK 27 pages 54 – 55

### Monday

- Teacher check
- diagonal
- 5
- 30
- 2.4
- 250
- £21.00
- $\frac{4}{10}$
- 40 cm
- Teacher check
- 8
- 22
- 72
- 2.45 p.m.
- 8
- 40
- square pyramid
- 50
- August
- 5035

### Tuesday

- Teacher check
- 1
- 9.05 a.m.
- 462
- 2
- 370
- 5 m
- 8000
- 81, 82 or 90
- 10
- $12 + 14 = 26$
- octagon
- 15
- £550.00
- pentagon
- 5.5 kg
- 7
- 280
- 7 November
- 25

### Wednesday

- Teacher check
- 293
- 21
- £12.00
- 608
- 24
- 380
- 2000
- 3.20 p.m.
- 3.0, 2.2, 1.9, 0.9
- 4
- Teacher check
- £20.00
- 8

15. 3

- 4.6
- 72, 73 or 80
- £1.90
- $\frac{12}{20}$
- Teacher check

### Thursday

- Teacher check
- 1007
- £16.90
- 700
- 0.9
- 250
- 3
- 12.55 p.m.
- 3.6
- vertical
- 330
- 4
- $\frac{9}{10}$
- £6.00
- yes
- 5
- 1
- PE
- history
- 3

### Friday test – page 95

- Teacher check
- 1005
- 393
- £15.00
- 4
- pentagon
- horizontal
- 4
- £20.00
- 80 cm
- 10.15 p.m.
- 464
- $\frac{8}{10}$
- 900
- 5 m
- £175.00
- 3.1, 2.3, 1.8, 0.8
- 4
- 7
- 1.3 m
- £18.00
- 60
- £16.70
- no
- 70 or 70.3

## WEEK 28 pages 56 – 57

### Monday

- Teacher check
- 9999
- pink hair
- 21
- £10.00
- 56
- £12.00
- false
- 9 litre 500 mL
- 8000
- true
- 163
- no
- 35
- 63
- 2.4
- diagonal
- 179
- 806
- thousands

### Tuesday

- Teacher check
- 294
- 19
- 54
- 2.3
- 6 hours 25 min
- 2150 km
- rectangle
- 3.5
- horizontal
- 53, 54, 59 or 60
- $25 - 21 = 4$
- 150 m
- 32
- 15
- 4
- 160
- 124
- 1
- 0.1

### Wednesday

- Teacher check
- 350
- 3
- 23
- 29 March
- 1.8
- 166
- rectangle
- 400
- 200
- 7 hours 25 min
- 7 litres 80 mL
- £22.00
- 2400 m

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

15. 5060 km
16. 236.8 m
17. 6
18. oval
19. 2.5
20. 60 cm

## Thursday

1. Teacher check
2. 45
3. 19
4. 52
5. 25 m
6. 604
7. 230
8. 5
9. 250
10. 42
11. 1.4
12. 36
13. 5
14. Teacher check
15. yes
16. 9900
17. 1.3
18. 28
19. 35
20. 9990

## Friday test – page 95

1. Teacher check
2. 80
3. 18
4. Teacher check
5. 40
6. 1007
7. 64
8. 7 litre 400 mL
9. 44
10. 225
11. 890
12. 4.5
13. 54
14. rectangle
15. 2.4
16. £19.00
17. 806
18. yes
19. 9907
20. 45
21. diagonal
22. 4 hour 35 min
23. 3.1 km
24. 244.5 m
25. 8

## WEEK 29 pages 58 – 59

### Monday

1. Teacher check
2. £3.70
3. 6.1 km
4. 11
5. 6 litre 50 mL
6. 2
7.  $\frac{8}{10}$
8. 1.7
9. open box
10. 150
11.  $\frac{2}{4}$
12. 3.6
13. isosceles
14. 24 cm
15. true
16. 903
17. circle
18. 4 hours 30 min
19. 0567
20. Teacher check

### Tuesday

1. Teacher check
2. 5.003 km
3. 1.3
4. 2300
5. 140
6. 497
7. £9.50
8. cube
9. 4
10.  $5 \times 3 = 15$
11. diagonal
12. no
13. 15
14. 23 km
15. 8 hours 5 min
16. 150
17. 48
18. 63, 64, 69 or 70
19. yes
20. 9830

### Wednesday

1. Teacher check
2. 55
3. 804
4. 105
5. 200
6. 3
7. 300 m
8. 1.4 kg
9. 9999
10. triangular pyramid
11. 160
12. triangle
13. 47
14. 5

15. false
16. mL
17. 9 litre 99 mL
18. £395.00
19. 132
20. 4.025 km

## Thursday

1. Teacher check
2. 40
3. false
4. 7101
5. 110
6. 1600 mL
7. 350
8. 10
9. 936
10. hexagon
11. 10
12. 50
13. 0
14. £6.25
15. 32
16. 3
17. 8.50 a.m.
18.  $\frac{1}{2}$  hour
19. 7.35 pm
20. Bus 1 or Bus 2

## Friday test – page 96

1. Teacher check
2. 24
3. 6050 km
4. 396
5. 7 litre 25 mL
6. 3
7. 250
8. 6 hours 0 min
9. 4
10. triangular pyramid
11. 130
12. £5.50
13. 40
14.  $7 \times 3 = 21$
15. £39.50
16. 400 m
17. scalene
18. 2100
19. 603
20. 0
21. £9.60
22. 9000
23. triangle
24. 150
25. 8761

## WEEK 30 pages 60 – 61

### Monday

1. Teacher check
2. 23
3. 10
4. 600
5. 4070 km
6. 7 hours 5 min
7. 69, 70, 77 or 78
8. 1000
9.  $\frac{1}{10}$
10. 10 000
11. true
12. 868
13. Teacher check
14. false
15. 45
16. 140
17. non-parallel lines
18. £9.90
19. 9200
20. Teacher check

### Tuesday

1. Teacher check
2. tape measure
3. 310
4. 4
5. 121
6. 3.2
7. 906
8. 5.18 km
9. semicircle
10. 6000
11. true
12. yes
13. 38
14. 3
15. triangle
16. 170
17. yes
18. 15
19. 6 litre 40 mL
20. 48

### Wednesday

1. Teacher check
2. 804
3. 8
4. vertical
5. 36
6. 2 litre 500 mL
7. 2.7
8. parallelogram
9. 520
10. Teacher check
11. 1.3
12. 134
13. 29 September
14. 23

15. 98
16. 50 cm
17. 5000
18. 120
19. 75
20. September

## Thursday

1. Teacher check
2. 4
3. 94
4. 50
5. 2000 m
6. 7.003 km
7. 3.2
8. Teacher check
9. £14.00
10. parallel lines
11. 340
12. 35 minutes
13. 130
14.  $\frac{1}{4}$
15. 20
16. 160
17.  $64 \div 8 = 8$
18. 118
19. 41
20.  $\frac{4}{8}$

## Friday test – page 96

1. Teacher check
2. 196
3. 30
4. 4
5. 868
6. £29.50
7.  $\frac{1}{3}$
8. false
9. 1.1
10. £9.70
11. 300 m
12. 4.5
13. 118
14. parallel lines
15. 3.2
16. 4.06 km
17. 74
18. 7 hour 10 min
19. Saturday
20. 8740
21. circle
22. 7000
23.  $90 \div 9 = 10$
24. 45 minutes
25. 1 out of 2

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 31 pages 62 – 63

### Monday

- Teacher check
- 5.2 m
- 2.5
- 25
- 30
- 1
- 7.2
- 1
- cuboid
- 1400
- £4.00
- 3
- yes
- 150
- 2 hours 15 min
- 7.37
- 24
- 90
- $\frac{7}{10}$
- false

### Tuesday

- Teacher check
- 2000
- 9000
- 1.1
- 3
- 30
- 25
- $\frac{1}{4}$
- Teacher check
- 9
- 7.99
- 5.6
- 8
- 8
- 190
- 24
- 5.2
- yes
- £2.00
- 300

### Wednesday

- Teacher check
- 1 hour 30 min
- 1.2
- 9000
- cylinder
- 25
- 30
- 5
- 4
- 2 in 14 / 1 in 7
- 5 in 14
- circle
- triangle

- square, pentagon and parallelogram
- 15
- 390
- 1.3
- 248.8 m
- 5

### Thursday

- Teacher check
- 30
- triangular prism
- 0.9
- 50 cm
- 100
- $\frac{1}{2}$
- $\frac{2}{5}$
- 5.57
- 200
- 4
- 8000
- 0.7
- vertical
- 50
- 4.25 km
- 3
- Teacher check
- 490
- arrow on 1 kg

### Friday test – page 97

- Teacher check
- 30
- 2.7
- 25
- 7000
- 1.3
- 0.11 m
- 9000
- 11
- 3.4
- yes
- 1 hour 15 min
- 7.78
- 3
- Teacher check
- triangular prism
- $\frac{3}{4}$
- yes
- 15 minutes
- 490
- 3
- £1.00
- 10
- 48
- 32 m

## WEEK 32 pages 64 – 65

### Monday

- Teacher check
- 0.3
- cube
- £8.50
- 3.3
- 7.75
- 6000
- 389
- 5.6 kg
- £2.50
- 2.25
- 1
- Teacher check
- 1300
- 17
- 1800
- £10.25
- yes
- true
- 70, 71, 77, 78 or 79

### Tuesday

- Teacher check
- $\frac{3}{4}$
- 36
- 90 or 100
- £5.60
- $0.4 + 0.05$
- 5.5
- Teacher check
- 25 minutes
- Teacher check
- 1700
- 9.96
- 5
- 60p
- 10
- 6429
- 2800
- 19
- 288
- 5

### Wednesday

- Teacher check
- yes
- 32
- 8.8
- $\frac{8}{10}$  or  $\frac{4}{5}$
- 73.25
- £20
- 1 in 6
- 1200
- 72
- 7 r 3
- 36
- 18
- 3.8

- 75
- 8523
- 1 hour 20 min
- 285
- 29
- 5400

### Thursday

- Teacher check
- 20 minutes
- 66.9 kg
- Teacher check
- 9.9
- £15.50
- 1300
- 45
- 4900
- Teacher check
- 3
- 42.96
- £1.40
- 1 hour 35 min
- 685
- 5.75
- no
- 12
- 119
- arrow on 500/800g

### Friday test – page 97

- Teacher check
- 30, 33 or 34
- 7.7
- 7.55
- 4.5 kg
- 1500
- 34
- 2.59 km
- 21
- true
- 385
- 9
- 62.73
- Teacher check
- £10.05
- no
- 2800
- £7.20
- $\frac{1}{4}$
- Teacher check
- Teacher check
- triangular prism
- £3.20
- arrow on chips
- £12.50

## WEEK 33 pages 66 – 67

### Monday

- Teacher check
- 1300
- 5.48
- 134
- 5200
- 1.75
- 2.4
- $\frac{25}{50}$
- 3
- 8.40 a.m.
- 9000
- 25.55
- 3 in 6 / 1 in 2
- £10.50
- 383
- Teacher check
- Teacher check
- 30
- 1.1
- 4

### Tuesday

- Teacher check
- 9.50 a.m.
- 20
- Teacher check
- $\frac{1}{10}$  kg
- 7.8 kg
- $\frac{5}{10}$
- 0
- line graph
- 8000
- 44.29
- 10.50 p.m.
- 583
- 5
- £200
- 4
- $\frac{6}{10}$  or  $\frac{3}{5}$
- $\frac{6}{8}$
- 20
- 1 hour 55 min


### Wednesday

- Teacher check
- 2.7
- 6.9
- 3.6
- 1500
- $\frac{20}{40}$
- 883
- 2
- 6000
- T
- 2.35 a.m.
- 59.99
- $\frac{3}{4}$
- £17.59


# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

15.  $\frac{8}{10}$
16. hexagon
17.  $\frac{5}{10}$
18. arrow on 2000 g
19. 2 hours 15 min
20. 16

## Thursday

1. Teacher check
2. 387
3. 82 kg
4. vertical
5.  $\frac{40}{50}$
6. 7000
7. 48
8. 7.7
9.  $\frac{14}{40}$
10. 
11. 125.51
12. 7999
13. 6.26
14. £150
15. 80
16. 3 in 16
17. 3 in 16
18. 5 in 16
19. square
20. parallelogram

## Friday test – page 98

1. Teacher check
2. 283
3. 1400
4. 6.57
5. 3.50 p.m.
6. £1200.00
7. 8.8
8. 2.4
9. 2.25 km
10. 
11. 120
12. 2 in 5
13.  $\frac{10}{30}$
14. vertical
15. 58.93
16. 3.0
17. arrow on chips
18. 3 in 6 / 1 in 2
19. 5
20. 7000
21. 8000
22. 9.50 a.m.
23. 95
24. Teacher check
25.  $\frac{4}{10}$

## WEEK 34 pages 68 – 69

### Monday

1. Teacher check
2. 5025
3. 30 June
4. 90
5. 8.10 p.m.
6. 7.76
7. 450
8. 72, 73 or 80
9. 5432
10. Teacher check
11. 83
12. 8000
13. scalene
14. 0
15. 54.25
16. 9.1
17. circle
18. 5
19. 20
20. 1

### Tuesday

1. Teacher check
2. 0469
3. 1 November
4. 150
5. 350
6. 8
7. 0.9 m
8. 6
9. 3.25
10. 20
11. 62.93
12. false
13. square
14. 5.5
15.  $\frac{4}{10}$  or  $\frac{2}{5}$
16. 45
17. 7025
18. 10.1
19.  $\frac{5}{20}$  or  $\frac{1}{4}$
20. 250

### Wednesday

1. Teacher check
2. 20
3. 550
4. 30 April
5. 7
6. 9204
7. 1800
8. 4.7
9. 10.93
10. Teacher check
11.  $\frac{1}{4}$
12. equilateral
13.  $\frac{6}{10}$  or  $\frac{3}{5}$
14. true

15. 5.1
16. 11.25 a.m.
17. 3.15 pm
18. 8.50 pm
19. 20 minutes
20. 1 hour 30 min

## Thursday

1. Teacher check
2. 25
3. isosceles
4. 70
5. 5 October
6.  $\frac{6}{10}$  or  $\frac{3}{5}$
7. 750
8. 8.85
9. 1500 m
10. pentagon
11. 1.5
12.  $\frac{1}{8}$
13. 550
14. 4
15. 2000 m
16. 3.2
17. 4
18. 4
19. 5.28
20. £23.00

## Friday test – page 98

1. Teacher check
2. 5.49
3. 81, 82 or 90
4. 7103
5. Teacher check
6. 21
7.  $\frac{5}{25}$
8. 0
9. 31 July
10. 9
11. 20
12. 1400
13. 5
14. 10
15. 3.2
16. 650
17. 4.35
18.  $\frac{1}{8}$
19. 40
20. 55.93
21. rectangle
22. £24.00
23. 1
24.  $\frac{1}{3}$
25. 450

## WEEK 35 pages 70 – 71

### Monday

1. Teacher check
2. 1.8
3. 4.55
4. 10
5. 8655
6. 29
7. 0.2
8. 9.7
9. rhombus
10. 1.5
11. 65.45
12. 0.5
13. Teacher check
14. true
15. yes
16. no
17. 12
18. 14
19. 36
20. 8521

### Tuesday

1. Teacher check
2. 4.1
3. 2758
4. Teacher check
5.  $\frac{2}{10}$
6. 9.28
7. 4
8. yes
9. semicircle
10. Teacher check
11. 23 minutes
12. 4500
13. 120
14. yes
15.  $\frac{1}{4}$
16. 750 m
17. 1.2
18. 1 hour 30 min or 90 min
19. 1975p
20.  $\frac{3}{10}$

### Wednesday

1. Teacher check
2. 477
3. 24.47
4. 0.6
5. arrow on 1.1 kg
6. 18
7.  $\frac{1}{10}$
8. Teacher check
9. 4558
10. Teacher check
11. 0.4 kg
12. hexagon
13. 6.25

14. 4
15. 1250 m
16. yes
17. 0.7
18. £150.00
19. 0.5
20. thousands

## Thursday

1. Teacher check
2.  $\frac{3}{4}$
3. 2 hours 15 min or 135 min
4. 577
5. 89.55
6. 25
7.  $\frac{5}{15}$
8. 0.6 L
9. 6785
10. 1750 m
11. Teacher check
12. 2.7
13. 63, 64 or 70
14. 8
15. 5
16. no
17. 1.2
18. 6.81
19. 33
20. no

## Friday test – page 99

1. Teacher check
2. 5.2
3. 677
4. 6.5
5.  $\frac{5}{15}$
6. 0.3
7. 8.23
8. 6958
9. 0.4 m
10. 32
11. Teacher check
12. 1.6
13. 5
14. 0.9 L
15. yes
16. 2750
17. arrow on lollies
18. 2
19. 36 or 40
20. 1250 m
21. yes
22.  $\frac{3}{4}$
23. 2 hours 15 min or 135 min
24. 0.6
25. 1.4

# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

## WEEK 36 pages 72 – 73

### Monday

- Teacher check
- 52.35
- yes
- 20
- 7000 or 7100
- 7000
- 6798
- 32
- £1.50
- Teacher check
- yes
- 580
- 58
- 1.2
- 1 hour 45 min or 105 min
- 3
- 1 hour 30 min
- yes
- GMTV
- Soapwatch

### Tuesday

- Teacher check
- 0.5
- 22.22
- 40
- 4000
- 30
- 2 hours 20 min
- 3.55
- 2750
- 565
- $\frac{1}{2}$
- 1 out of 2
- £250.00
- 8.33 a.m. 8.48 a.m.
- 3
- 18, 19 or 20
- $\frac{1}{4}$
- £2.50
- 48
- 3.8

### Wednesday

- Teacher check
- 673
- 2.61
- 0.04
- 40
- 800 mL
- 6950
- false
- 44.44
- Teacher check
- no
- 1180
- 2 hours 30 min or

150 min

- 1050p
- 9807
- 7.21 a.m. 7.35 a.m.
- 2.7
- £4.50
- 63
- 9 r 4

### Thursday

- Teacher check
- 573
- 60
- 6
- 40
- 0.75
- 36.52
- 2 hours 45 min
- true
- February
- May
- 10.57 a.m., 11.21 a.m., 11.33 a.m.
- 26
- 0.15
- $\frac{7}{10}$
- 3.3
- 72
- £9.50
- true
- 5.3

### Friday Test – page 99

- Teacher check
- 75.35
- 63
- November
- March
- Teacher check
- no
- true
- 2983
- 1.8
- 671
- 1 hour 45 min or 105 min
- 82
- 0.4
- no
- £5.50
- 3 hours 25 min
- 7.6
- 9250
- 3000
- 11.56, 12.12
- £7.50
- 80
- 0.3
- 25

## WEEK 37 pages 74 – 75

### Monday

- Teacher check
- 54
- 36 cm
- 1300
- £5.50
- 0.4
- 350
- £7.50
- 7
- 14
- 21
- 2200
- 500 m
- 32
- 1.5
- 7000
- no
- 6.23
- 7
- 1905p

### Tuesday

- Teacher check
- 3 m
- 4 m
- 34 m
- 1300
- 310
- 3
- 6.25
- 4 hours 0 min
- open box
- 28
- £9.50
- 28
- 0.2
- £3.20
- 2
- 3
- 2
- 1100
- read

### Wednesday

- Teacher check
- 367
- 15
- false
- 27
- 2100
- 0.75
- $\frac{40}{50}$
- Teacher check
- $49 \div 7 = 7$
- 6.3
- hexagon
- 7500
- 0

15. August

- 750 m
- 32
- 9
- horizontal
- 75

### Thursday

- Teacher check
- 87.33
- triangular pyramid
- 0.4
- 1520p
- yes
- 2400
- 360
- 8479
- 36
- 130
- 3.2
- 7.6
- 7
- 55p
- 49
- 29
- 0.9
- false
- 3

### Friday test – page 100

- Teacher check
- 96.95
- 20
- 0.7
- 3.2
- 850 m
- 1.8
- 53
- 3
- 24
- 360
- 3
- 2100
- 55
- yes
- 3 m
- 5 m
- 40 m
- 6.35
- 0.4
- 130
- 6
- 28
- 44
- 0

## WEEK 38 pages 76 – 77

### Monday

- Teacher check
- 0.2
- 8
- £17.20
- 5400 m
- 4044
- 80
- 14
- 0.4
- 8959
- $\frac{9}{10}$
- 0.8
- 21
- 0.6
- $15 + 16 = 31$
- 5.1
- octagon
- 5000 kg
- 1000
- false

### Tuesday

- Teacher check
- 0.7
- $\frac{5}{11}$
- 60
- 0.45
- 0.2
- 45
- 33
- America
- 17
- hundredths
- 0.6
- 6
- 35
- 50
- 18 minutes past 12
- 55
- true
- no
- 1.2

### Wednesday

- Teacher check
- 50, 55 or 60
- 240
- 2.5
- 0.7
- £11.70
- 0.18
- 92
- 8000
- 3 hours 50 min
- tenths
- 0.3
- 10



# NEW WAVE MENTAL MATHS Year 5/Primary 6 Book – Answers

14.  $\frac{1}{2}$
15. 2
16. arrow from 0.5 t
17. 750
18. 90
19. 38
20. 155

## Thursday

1. Teacher check
2. 365
3. 0.4
4. 1600
5. 0.25
6. 2
7. Teacher check
8. 75
9. 220
10.  $\frac{1}{10}$
11. vertical
12. 18
13. 16
14. hexagon
15. 0.1 m
16. 61
17. 200
18. 3342
19. 3150 km
20. 9 r 3

## Friday test – page 100

1. Teacher check
2. 160
3. 1500
4. 0.3
5. 24
6. 0.33
7. 125
8.  $8 + 12 = 20$
9. 6.24
10. 2.25 km
11. 100
12. 1050
13. tenths
14.  $\frac{1}{92}$
15. 0.9
16. 0.6
17. 20
18. 8858
19. 600
20. arrow on sugar
21. 25
22. true
23. 0.6
24. elephant
25. 3 minutes past 10

## WEEK 39 pages 78 – 79

### Monday

1. Teacher check
2. 2000
3. 4.11, 4.19, 4.27
4. 12
5. 8
6. 1 hour 45 min
7. 5.55
8. 60
9. 3952
10. 675
11. 200
12. 5.2 m
13. 6.95
14. 9
15. 0.3
16. 3
17. 2.3 kg
18. 70
19. false
20. 4023

### Tuesday

1. Teacher check
2. 8 hours 0 min
3. 4000
4. 13
5. 5
6. 7100
7. 2.22
8. 6
9. 9.50, 10.20, 10.35
10. 120
11. 775
12. 40
13. 3990
14. 9
15. 1.1, 1, 0.9, 0.6
16. 9951
17. 850 cm
18. 1005
19. 4
20. 4

### Wednesday

1. Teacher check
2. 13
3. 5000
4. 7
5. 7 a.m.
6. 70.77
7. 1000 m
8. 0.2
9. 42
10. Eddy 0.3 seconds
11. 693
12. 7
13. 50
14. Teacher check

15. 16 cm
16. 775
17. 170
18. 4
19. 1008
20. 6900

### Thursday

1. Teacher check
2. 0.4 seconds
3. diagonal
4. 6000
5. 5 hours 55 min
6. 16
7. 9
8. 9
9. 20.22
10. 0.9
11. 160
12. 975
13. 32
14. octagon
15. 30 cm
16.  $\frac{2}{10}$
17. 3
18. 3 minutes past 2
19.  $\frac{1}{2}$
20. £11.80

## Friday test – page 101

1. Teacher check
2. 5000
3. 7
4. 4
5. 30.76
6. 975
7. 60
8. 2 hours 35 min
9. 6.3 m
10. 0.4
11. 55
12. yes
13. 240
14. 2333
15. sphere
16. Jack 0.2 seconds
17. 6042
18.  $\frac{1}{4}$
19. 2.24, 2.39
20. 24 cm
21. 3
22. vertical
23. false
24. 1006
25. 468

## WEEK 40 pages 80 – 81

### Monday

1. Teacher check
2. £15.10
3. £1.95
4. 140
5. 75 cm
6. 5.3
7. 10
8. 9
9. oval
10. 600
11. 400
12. 12
13. 24
14. 36
15. false
16. true
17. 8.65
18. 0.25
19. 1
20. tenths

### Tuesday

1. Teacher check
2. 80 kg
3. 55
4. 170
5. 7 hours 25 min
6. 6.6
7. 4.5
8.  $4\frac{1}{2}$
9. hexagon
10. 1
11. 4
12. 300
13. semicircle
14. 50%
15. 22 minutes to 11
16. yes
17. 16
18. 3
19. 0789
20. 130

### Wednesday

1. Teacher check
2. 875
3. 80.25
4. 180
5. January 10
6. 9.9
7. 3.7
8. pentagon
9. 6.8
10. £7.50
11. £2.50
12. 2.59 m
13. 210
14. no

15. 0.3
16. 20
17. 1020p
18. 30
19. 10
20. 0.8

### Thursday

1. Teacher check
2. 1st January
3. octagon
4. 1.8
5. 65
6. 610 cm
7. 7.7
8. 110
9. 1 hour 45 min
10. 80
11. £6.40
12. 480
13. 480
14. triangular pyramid
15. 25
16. 20
17. 270, 288, 300 or 320
18. 5713
19. 10
20. Teacher check

## Friday test – page 101

1. Teacher check
2. 720 cm
3. 1100
4. pentagon
5. 33.3 cm
6. 110
7. 0.7
8. 50
9. £14.40
10. 1
11. 30
12. 160
13. 10
14. 7.95
15. 110
16. 0.2
17. 990
18. 28
19. 28 minutes to 9
20. 1005p
21. octagon
22. no
23. 10
24. even – 50%
25. 846