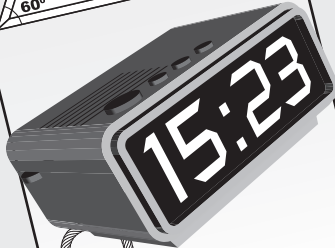
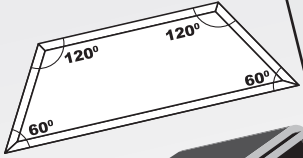
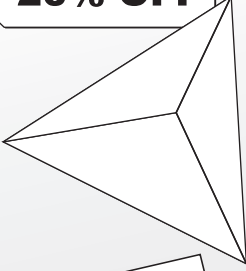


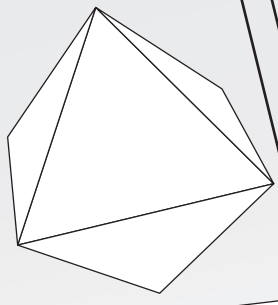
New wave mental maths



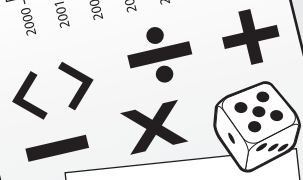
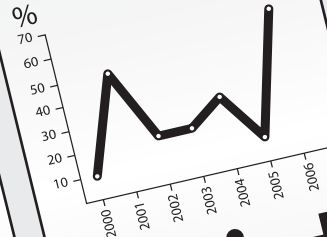
SALE
20% OFF



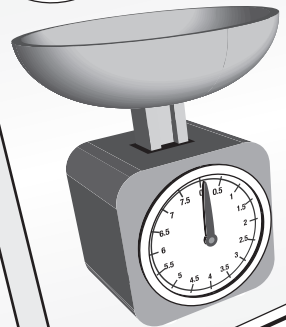
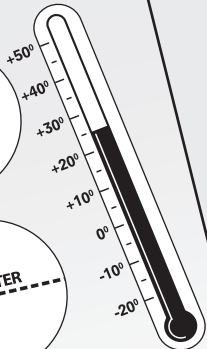
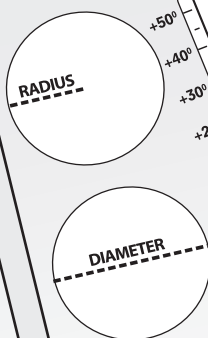
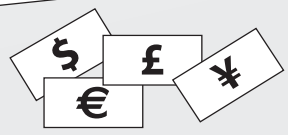
Area?
Perimeter?



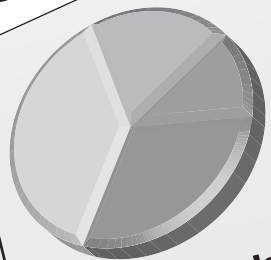
$4^2 = 4 \times 4 = 16$



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



$+5 + 7 = \square$



How did you do?

Eddy Krajcar



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WEEK1

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Time (24-hour)
International time zones

DATA

Chance

WEEK2

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
International time zones

Money (currency conversions)

DATA

Chance

WEEK3

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Scale
Capacity/Volume
International time zones
Money (value for money)
Money (currency conversions)

DATA

Chance

WEEK4

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Factors
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

2-D shape
3-D shape

Properties of a circle
Tessellation
Nets
Angles

MEASURES

Scale
Capacity/Volume
International time zones
Money (value for money)
Money (currency conversions)

DATA

Chance

WEEK5

NUMBER

Place value
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Factors
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Scale
Capacity/Volume
International time zones

DATA

Chance

WEEK6

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers

Factors
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Scale
Weight
Capacity/Volume
International time zones

DATA

Chance

WEEK7

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Scale
Weight
Capacity/Volume
International time zones
Money (currency conversions)

DATA

Averages

WEEK8

NUMBER

Place value
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Multiples

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Weight
Capacity/Volume
International time zones

DATA

Averages
Chance

WEEK9

NUMBER

Place value
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Scale
Weight
Capacity/Volume

DATA

Averages
Chance

WEEK10

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Exponential form

ALGEBRA

Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Scale
Weight
Capacity/Volume
International time zones

DATA

Chance

WEEK11

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors

ALGEBRA

Positive and negative numbers
Number patterns

Variables
Equations

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Scale
Weight
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK12

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Symmetry
Nets
Angles

MEASURES

Length
Area/Perimeter
Scale
Weight
International time zones
Money (currency conversions)

DATA

Averages
Chance

WEEK13

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)

Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Exponential form

ALGEBRA

Positive and negative numbers
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Scale
Weight
International time zones
Time/Distance/Speed
Money (currency conversion)

DATA

Pie charts
Chance

WEEK14

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Square numbers
Exponential form

ALGEBRA

Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Scale
Weight
International time zones

Time/Distance/Speed
Money (currency conversions)

DATA

Averages
Chance

WEEK15

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Square numbers
Exponential form

ALGEBRA

Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
Properties of a circle
Symmetry
Nets
Angles

MEASURES

Length
Area
Perimeter
Scale
International time zones
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Chance

WEEK16

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Multiples
Exponential form

ALGEBRA

Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Symmetry
Nets
Angles

MEASURES

Length
Scale
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK17

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers
Multiples

ALGEBRA

Positive and negative numbers
Number patterns
Equations

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Scale
Capacity/Volume
Time/Distance/Speed
Money (value for money)

DATA

Averages
Chance

WEEK18

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Decimals
Percentages

Prime/Composite numbers
Square numbers
Multiples

ALGEBRA

Positive and negative numbers
Number patterns
Variables
Equations

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Scale
Time/Distance/Speed
Money (value for money)

DATA

Chance

WEEK19

NUMBER

Place value
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers
Multiples

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Symmetry
Nets
Angles

MEASURES

Length
Area/Perimeter
Scale
Weight
Time/Distance/Speed
Money (value for money)

DATA

Pie charts
Averages
Chance

WEEK20

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Number patterns
Variables
Equations

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Scale
Weight
Capacity/Volume
Money (value for money)

DATA

Chance

WEEK21

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Symmetry

Nets
Angles

MEASURES
Length
Area/Perimeter
Weight
Capacity/Volume
Time/Distance/Speed
Money (value for money)

DATA
Averages
Chance

WEEK22

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

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

MEASURES

Length
Weight
International time zones
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK23

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios

Decimals
Percentages
Prime/Composite numbers
Square numbers
Multiples

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

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

MEASURES

Area/Perimeter
Weight
International time zones
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Pie charts
Chance

WEEK24

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions

Ratios

Decimals

Percentages

Prime/Composite numbers

Square numbers

Multiples

Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Symmetry
Angles

MEASURES

Area/Perimeter
Scale
Weight
Capacity/Volume
International time zones
Time/Distance/Speed

Money (value for money)

DATA

Chance

WEEK25

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions

Decimals

Percentages

Prime/Composite numbers

Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape

3-D shape

Symmetry

Nets

Angles

MEASURES

Area/Perimeter
Weight
Capacity/Volume
Time/Distance/Speed
Money (value for money)

DATA

Chance

WEEK26

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions

Decimals

Percentages

Prime/Composite numbers

Square numbers

Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape

3-D shape

Properties of a circle

Symmetry
Co-ordinates
Nets
Angles

MEASURES

Area/Perimeter
Weight
Capacity/Volume
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK27

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Square numbers
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Co-ordinates
Nets
Angles

MEASURES

Length
Area/Perimeter
Weight
Capacity/Volume
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK28

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Properties of a circle
Symmetry
Co-ordinates
Lines
Angles

MEASURES

Length
Area/Perimeter
Capacity/Volume
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Pie charts
Averages
Chance

WEEK29

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Square numbers

ALGEBRA

Positive and negative numbers
Number patterns
Variables

SPACE AND SHAPE

2-D shape
3-D shape
Co-ordinates
Angles

MEASURES

Length
Weight
Capacity/Volume
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK30

NUMBER

Place value
Rounding

Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Weight
Capacity/Volume
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK31

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers

ALGEBRA

Positive and negative numbers
Number patterns
Variables

SPACE AND SHAPE

2-D shape
3-D shape
Tessellation
Symmetry
Co-ordinates
Angles

MEASURES

Length
Area/Perimeter
Surface area

Capacity/Volume
Money (value for money)

DATA

Trend graphs
Averages
Chance

WEEK32

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Surface area
Weight
Capacity/Volume
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

WEEK33

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Prime/Composite numbers
Square numbers
Exponential form

ALGEBRA

Number patterns
Variables

SPACE AND SHAPE

2-D shape
3-D shape
Properties of a circle
Co-ordinates
Angles

MEASURES

Length
Area/Perimeter
Surface area
Scale
Weight
Capacity/Volume
International time zones
Money (value for money)
Money (currency conversions)

DATA

Trend graphs
Averages
Chance

WEEK34

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Square numbers

ALGEBRA

Number patterns
Variables
Equations

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Surface area
Scale
Weight
Capacity/Volume
Money (currency conversions)

DATA

Averages
Chance

WEEK35

NUMBER

Place value

Rounding

Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Decimals
Percentages

ALGEBRA

Number patterns
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Properties of a circle
Co-ordinates
Angles

MEASURES

Length
Area/Perimeter
Surface area
Scale
Weight
Capacity/Volume
International time zones
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Trend graphs
Chance

WEEK36

NUMBER

Place value
Rounding
Addition (whole number, fractions, decimals)
Subtraction (whole number, fractions, decimals)
Multiplication .. (whole number, fractions, decimals)
Division (whole number, fractions, decimals)

Fractions
Ratios
Decimals
Percentages

ALGEBRA

Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
Tessellation
Symmetry
Co-ordinates
Nets
Angles

MEASURES

Length
Area/Perimeter
Surface area
Weight
Capacity/Volume
International time zones
Time/Distance/Speed

CONCEPT DEVELOPMENT – Week by Week Year 6/Primary 7 Ext. Book

Money (value for money)
Money (currency conversions)

DATA

Pie charts
Chance

WEEK37

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Decimals
Percentages
Prime/Composite numbers
Square numbers
Factors
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Equations

SPACE AND SHAPE

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

MEASURES

Length
Area/Perimeter
Surface area
Scale
Weight
Capacity/Volume
International time zones
Time/Distance/Speed
Money (currency conversions)

DATA

Averages
Chance

WEEK38

NUMBER

Place value
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Decimals
Percentages
Square numbers
Multiples

ALGEBRA

Positive and negative numbers

Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Properties of a circle
Co-ordinates
Angles

MEASURES

Length
Area/Perimeter
Weight
Capacity/Volume
Money (currency conversions)

DATA

Trend graphs

WEEK39

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Decimals
Percentages
Square numbers

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Nets
Angles

MEASURES

Length
Area/Perimeter
Scale
Weight
Capacity/Volume
International time zones
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Chance

WEEK40

NUMBER

Place value
Rounding
Addition *(whole number, fractions, decimals)*
Subtraction *(whole number, fractions, decimals)*
Multiplication .. *(whole number, fractions, decimals)*
Division *(whole number, fractions, decimals)*

Fractions
Ratios
Decimals
Percentages
Prime/Composite numbers
Square numbers
Multiples
Exponential form

ALGEBRA

Positive and negative numbers
Rules and properties
Number patterns
Variables
Equations

SPACE AND SHAPE

2-D shape
3-D shape
Symmetry
Co-ordinates
Nets
Angles

MEASURES

Length
Surface area
Weight
Capacity/Volume
International time zones
Time/Distance/Speed
Money (value for money)
Money (currency conversions)

DATA

Averages
Chance

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 1 pages 2 – 3

Monday

- 6.2
- 2, 3, 5 and 7
- 90°
- 3
- $\frac{8}{5} = 1\frac{3}{5}$
- 1 000 000
- +7
- 4
- cube
- 16 cm^2
- 2
- $\frac{1}{2}$
- trapezium
- yes
- 10
- 4
- 10
- 1800 hours
- (b) 10
- 3.8

Tuesday

- 8.1
- + 1 hour
- 3
- 2.5 cm
- 9
- 8
- 45
- 6, 12, 8
- (c) 20
- 21 cm
- $\frac{3}{4}$
- 50%
- 10 000
- dodecagon
- Teacher check
- Teacher check
- Teacher check
- 1 000 001
- 21
- 3

Wednesday

- 4.3
- square-based pyramid
- 19
- 1 000 010
- 5.7
- 4, 6, 8, 9 and 10
- 2100 hours
- 35
- 8
- 14
- $\frac{2}{3}$
- 90°
- £20.00

- 16.7
- true
- 32.8
- 6
- 4 in 20 / 1 in 5
- 80 000
- 36

Thursday

- 3.4
- $\frac{6}{4} = 1\frac{1}{2}$
- 3
- 0.5
- 12 cm
- 5, 9, 6
- 56
- 27
- 3
- +1 hour
- 6
- 60 000
- 32.1
- $\frac{1}{3}$
- 25%
- 1, 2, 3 and 6
- 42
- 1 000 100
- 25
- 0430 hours

Friday Test page 82


- 5.8
- 1 000 010
- 13
- 3
- $\frac{3}{4}$
- 90°
- 15
- 41
- 4
- 5
- 16
- cuboid
- £30.00
- $\frac{6}{4} = 1\frac{1}{2}$
- 25
- 7
- trapezium
- 72
- 6, 12, 8
- $\frac{3}{4}$
- +1 hour
- 20%
- 64
- 2000 hours
- 23.1

WEEK 2 pages 4 – 5

Monday

- 62.5
- 5 cm
- cylinder
- 7.5
- 100 000
- 50
- 1 101 000
- 1.85
- 180°
- $\frac{2}{3}$
- 5
- 6.1
- tetrahedron
- £15.00
- 4
- 10
- 35 cm
- 4
- false
- +2 hours

Tuesday


- 31.8
- 
- yes
- 9
- 60
- 11, 13, 17 and 19
- 16
- $\frac{8}{4} = 2$
- heptagon
- 1.5 m
- 40
- $\frac{2}{3}$
- 800 m^2
- triangular prism
- 6
- €5.00
- 2.35
- 6, 12, 8
- 10%
- 9

Wednesday


- 20.7
- 4.13
- 1 000 101
- 40
- 90°
- true
- 2 cm
- 5.9
- 400 000
- 3
- £32.00
- $\frac{3}{5}$
- 8.1
- 21

- 75
- 75%
- 8.1
- 8
- 54 cm
- 64

Thursday

- 86.3
- €10.00
- nonagon
- 12, 14, 15, 16, 18 and 20
- 12
- +4
- 8
- triangular prism
- $\frac{5}{10} = \frac{1}{2}$
- 15
- +3 hours
- $\frac{3}{4}$
- 36
- 
- $\frac{3}{9}$
- 6 in 10 / 3 in 5
- 1, 2 and 4
- 5.3
- £30.00
- 10

Friday Test page 82

- 25.2
- 8.6
- 4000 m^2
- heptagon
- 3
- cylinder
- 10 cm
- 30
- +2 hours
- 70
- 750
- 18
- £24.00
- 
- 8
- 35 cm
- 4
- 400 000
- $\frac{4}{5}$
- nonagon
- dodecagon
- 6.7
- €10.00
- 4 in 20 / 1 in 5
- 100 000

WEEK 3 pages 6 – 7

Monday

- 64
- $\frac{11}{5} = 2\frac{1}{5}$
- 45°
- no
- 1 001 010
- 32
- 9
- 1, 2, 4 and 8
- 1:100
- 7 m
- false
- $\frac{2}{5}$
- 9.9
- +6
- 10
- 17.2
- 8
- 23
- 6.1
- +1 hour

Tuesday

- 36
- 40%
- $\frac{7}{5} = 1\frac{2}{5}$
- 12
- 4.95
- 42
- 5 cm
- 30.6
- 27
- 3 000 000
- 4, 6, 4
- 21
- 33
- 180°
- 12 cm^3
- 3
- no
- 6.1
- 9
- £45

Wednesday

- 81
- 2 in 20 / 1 in 10
- 1, 3 and 9
- 90
- $\frac{3}{4}$
- $\frac{5}{6}$
- 4
- 120°
- 950
- 1 000 000
- 1:100
- 5, 8, 5
- £80.00
- 61

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

15. 3
16. 27
17. 2.95
18. €10.00
19. 20.5
20. 15

Thursday

1. 49
2. 1:100
3. Teacher check
4. Teacher check
5. Teacher check
6. 80%
7. 2.95
8. 32
9. 1.0
10. cone
11. 1 in 12
12. 22
13. 12.5
14. 270°
15. 0000
16. 25
17. 1 001 101
18. 4.12
19. 1.8
20. 24 m^3

Friday Test page 83

1. 100
2. €20.00
3. $1\frac{2}{5}$
4. 4.98
5. 8
6. 1, 2, 5 and 10
7. 32
8. 7.1
9. $\frac{1}{3}$
10. 1:100
11. -3
12. 20
13. 24 m^3
14. £72.00
15. 270°
16. +1 hour
17. 60%
18. 20
19. 1 001 011
20. 2.95
21. Teacher check
22. 1 000 000
23. 180°
24. 15
25. 3, 0, 0

WEEK 4 pages 8 – 9

Monday

1. 11, 13, 17 and 19
2. $\frac{4}{5}$
3. 20:10, 2:1
4. 1500
5. $(6 \times 4) + (3 \div 3)$
6. 2.93
7. 9.8
8. 105.7
9. 1, 2, 5 and 10
10. +6 hours
11. 7.9
12. 60%
13. 10
14. yes
15. 1.0
16. cuboid
17. 6
18. no
19. octahedron
20. 10 000

Tuesday

1. 23 and 29
2. $\frac{2}{8}$
3. $4\frac{2}{4}$ or $4\frac{1}{2}$
4. £150.00
5. +3
6. 1 110 000
7. 7.1
8. 2, 0, 1
9. true
10. true
11. 1 000 000
12. 3
13. isosceles
14. 18 m^3
15. 6:12 or 1:2
16. 9
17. 5.25
18. 4
19. 9
20. $(3 \times 8) - (5 \times 2) = 14$

Wednesday

1. 12, 14, 15, 16, 18 and 20
2. 90°
3. $\frac{1}{3}$
4. 216.4
5. 1:100
6. 9
7. 63
8. 1, 2, 3, 4, 6 and 12
9. yes
10. 75
11. $3\frac{3}{5}$
12. 10
13. 26 000

14. 132
15. 100 000
16. 1.06
17. 1
18. pentagonal prism
19. 1.1
20. 6

Thursday


1. 21, 22, 24, 25, 26, 27, 28 and 30
2. $\frac{6}{9}$
3. €50.00
4. 100
5. 12
6. -4
7. 20
8. 50%
9. 3.5 cm
10. 3, 0, 0
11. 1 in 7
12. $5\frac{3}{5}$
13. yes
14. false
15. 1 101 001
16. $\frac{1}{2}$
17. 5:20 or 1:4
18. 16
19. £75
20. 3

Friday Test page 83

1. 23 and 29
2. 51
3. £350
4. octahedron
5. 312.2
6. 10 cm
7. true
8. 45
9. 12
10. 10
11. false
12. no
13. 1, 2, 7 and 14
14. 12
15. $\frac{1}{2}$
16. 100 000
17. $5\frac{3}{5}$
18. €50.00
19. 75%
20. 1 in 7
21. 7, 15, 10
22. $\frac{7}{8}$
23. 9:18 or 1:2
24. 8
25. false

WEEK 5 pages 10 – 11


Monday

1. 1, 3, 5 and 15
2. 40.5
3. 23
4. 75%
5. cube
6. 9.92
7. $(6 \times 3) + (8 \div 2) = 22$
8. true
9. 
10. $\frac{1}{4}$
11. 10 000
12. 10 in 20 / 1 in 2
13. 8 cm
14. octagon
15. hundredths
16. no
17. 270°
18. $\frac{9}{12}$
19. 50
20. $30\,000 \text{ cm}^3$

Tuesday

1. 1, 2, 4, 8 and 16
2. +8 hours
3. 4.5 cm
4. £20
5. 23 000
6. 0.96
7. $\frac{1}{8}$
8. 27
9. yes
10. -2
11. $6\frac{3}{10}$
12. 4, 6, 4
13. trapezium
14. 15:3 or 5:1
15. 10
16. 75
17. false
18. 20
19. 7.95
20. 10

Wednesday


1. 1, 2, 3, 6, 9 and 18
2. 620.4
3. $\frac{5}{6}$
4. 100 000
5. 30
6. 9 hundredths
7. 1650
8. 
9. 33.3%
10. 125
11. 8
12. 2
13. $4\frac{5}{10}$

14. 136
15. 8.295
16. 9.34 a.m.
17. $(9 \times 3) - (8 \div 2) = 18$
18. 6, 12, 8
19. true
20. 1 001 111

Thursday

1. 1, 2, 4, 5, 10 and 20
2. 9
3. 180°
4. 200
5. hexagonal prism
6. $\frac{3}{4}$
7. 108
8. yes
9. 38
10. 12 cm
11. $\frac{2}{5}$
12. 0.5
13. $5\frac{5}{10}$ or $5\frac{1}{2}$
14. 8
15. $\frac{1}{2}$
16. 1.91
17. 9
18. £2.50
19. 7.169
20. 5 cm

Friday Test page 84

1. 1, 3, 7 and 21
2. 225
3. 1 001 001
4. 7.355
5. 7
6. 
7. $24\,000 \text{ cm}^3$
8. 21
9. 20
10. 15 cm
11. $\frac{1}{4}$
12. 8
13. hundredths
14. 12
15. $(8 \times 3) - (45 \div 9) = 19$
16. 128
17. 2
18. $4\frac{6}{10}$
19. trapezium
20. true
21. 14 cm
22. 8.95
23. 6.28 a.m.
24. 100 000
25. -3

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 6 pages 12 – 13


Monday

- 2
- 0.05, 0.5, 0.75
- 3 m
- 750 g
- true
- 4.93
- 48 m²
- 90°
- $\frac{1}{8}$
- 29
- 1 550 000
- 6
- 1, 2, 11 and 22
- 780.1
- 18
- 32
- 66.6%
- 0130
- 50
- cylinder

Tuesday

- 6
- 6
- 75
- 90°
- 36
- 1.4
- octahedron
- 10:20 or 1:2
- 7.1
- 9
- $\frac{7}{8}, \frac{3}{8}, \frac{1}{4}$
- $11\frac{3}{8}$
- 90 cm³
- +7 hours
- 5
- no
- no
- 4000
- 4.75
- 8 in 15

Wednesday

- 3
- 28 m²
- 0.22, 0.2, 0.02
- 150
- 20:10 or 2:1
- 29
- $\frac{7}{8}$
- 
- 27
- 500 g
- 0.06
- hexagonal prism
- 6 cm

14. 26

15. $\frac{7^2}{3}$

16. 60°

17. 6

18. 20%

19. 6

20. 5 in 26

Thursday

1. 7

2. 8

3. 9

4. 90°

5. 0.3

6. 5

7. 2

8. 51

9. $\frac{5}{6}$

10. $\frac{1}{2}, \frac{2}{5}, \frac{1}{10}$

11. 5, 8, 5

12. 0.09

13. false

14. 270°

15. true

16. 1.99

17. 375

18. Teacher check

19. Teacher check

20. Teacher check

Friday Test page 84

1. 4

2. 0.05, 0.5, 0.75

3. 12:24 or 1:2

4. 8

5. 250 g

6. C = 11

7. 42 m²

8. 8.99

9. 2

10. 12

11. 61

12. 0040

13. false

14. $\frac{8}{10}, \frac{1}{2}, \frac{2}{5}$

15. 1.6

16. 90°

17. 32.8

18. 3.85

19. 3 m

20. 40%

21. octagon

22. $10\frac{2}{8}$

23. cone

24. 375

25. 5 in 20 / 1 in 4

WEEK 7 pages 14 – 15

Monday

1. 4

2. 0.04, 0.4, 0.44

3. 

4. 0.02

5. 15

6. 60°

7. $(6 \times 3) \div (9 \times 2)$

8. 5

9. 8

10. thousandths

11. 16

12. 1, 2, 3, 4, 6, 8, 12, and 24

13. 6

14. 100

15. 800

16. £1.50

17. triangular prism

18. 24 m²

19. $6\frac{5}{10}$ or $6\frac{1}{2}$

20. €25.00

Tuesday

1. 9

2. 18:9 or 2:1

3. 200 g

4. 3 thousandths

5. 17.7

6. 100 000

7. 23

8. 80%

9. 16.25

10. £7.50

11. 0.12

12. 3

13. octagonal pyramid

14. $\frac{1}{4}, \frac{4}{5}, \frac{9}{10}$

15. 90°

16. 9 m

17. 3, 0, 0

18. 1301 hours

19. true

20. true

Wednesday

1. 5

2. 0.6, 0.06, 0.006

3. 0.04

4. 8

5. 90°

6. true

7. 10

8. 

9. 24

10. 30 000

11. 10 000

12. 70 m³

13. +1 hour

14. +3

15. $\frac{7}{9}$

16. 400 g

17. $5\frac{2}{5}$

18. 8

19. 22 cm

20. 3

Thursday

1. 8

2. 15

3. C

4. 0.05

5. 125 g

6. 2

7. £6.00

8. 16

9. 21

10. 33.3%

11. 1 000 010

12. true

13. 50.72

14. 27:9 or 3:1

15. 70 m²

16. 16.3

17. -4

18. yes

19. 6, 12, 8

20. 9 cm

Friday Test page 85

1. 10

2. 0.005, 0.05, 0.5

3. 2.06

4. 3

5. £9.00

6. 12

7. 45°

8. 1 000 110

9. 42 m³

10. A

11. 23.6

12. 9

13. false

14. 15 000

15. 

16. 2352 hours

17. 8

18. 40 m²

19. 29

20. $(7 \times 8) \div (4 \times 2) = 7$

21. 600 g

22. square-based pyramid

23. 7.5 cm

24. 0.07

25. 12 cm

WEEK 8 pages 16 – 17

Monday

1. $\frac{9}{4}$

2. 0.08

3. 180°

4. 10

5. $2\frac{2}{3}$

6. 500

7. 0.1

8. 65°

9. 6

10. 13

11. 1, 5 and 25

12. cone

13. 120 cm

14. 121

15. 243

16. 600 g

17. 29

18. 200 cm²

19. 5

20. 70.15

Tuesday

1. $\frac{9}{2}$

2. 270°

3. 0.007, 0.07, 0.7

4. 90 m

5. 12

6. $4\frac{2}{5}$

7. 0.5

8. 

9. 3

10. rhombus

11. 1 000 111

12. 60%

13. 160

14. 90°

15. 5, 9, 6

16. true

17. -3

18. yes

19. 12

20. 4

Wednesday

1. $\frac{10}{3}$

2. 160

3. 5

4. 9.02

5. 16

6. 0.01

7. $6\frac{4}{10}$

8. 25

9. tetrahedron

10. $\frac{2}{6}, \frac{1}{2}, \frac{6}{8}$

11. 0.90

12. $5\frac{2}{3}$

13. 48

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

14. true
15. 8
16. 180 m
17. 5
18. +8 hours
19. 15:5, 3:1
20. 1 in 6

Thursday


1. $\frac{11}{4}$
2. 0.44, 0.04, 0.004
3. octahedron
4. millions
5. 7 000 000
6. 9.05
7. 0.05
8. 15
9. 144
10. 110°
11. 1, 2, 13 and 26
12. 250 g
13. 25
14. 10
15. 75%
16. false
17. 15.02
18. 7, 15, 10
19. 4.2
20. 10 in 30 / 1 in 3

Friday Test page 85

1. $\frac{8}{3}$
2. 9.08
3. 150 m
4. octahedron
5. 900
6. 1000 cm^2
7. 8
8. 10
9. 3
10. 6
11. 0.1
12. 70
13. 22
14. 70°
15. 12
16. 12.033
17. 50
18. $4\frac{3}{5}$
19. 800 g
20. square-based pyramid
21. 18.04
22. 4 in 52
23. 120 m
24. $9\frac{6}{10}$
25. 24

WEEK 9 pages 18 – 19

Monday

1. $1\frac{1}{2}$
2. 4.09
3. 3
4. 0.6
5. 90°
6. 100
7. 7 cm
8. 1, 3, 9 and 27
9. square-based pyramid
10. 23
11. 1 200 000
12. 1.9
13. 
14. $\frac{8}{3}$
15. one thousandth
16. 90.03
17. octahedron
18. 1.8, 0.8, 0.08
19. 20
20. 7850

Tuesday

1. $2\frac{1}{3}$
2. 15:5 or 3:1
3. $\frac{4}{5}$
4. 49
5. 10
6. 7
7. 0.24
8. 14 m
9. 5
10. 250 g
11. 10
12. 0.003
13. 24 cm^3
14. 4 in 52 / 1 in 13
15. 6.9
16. 20
17. 80%
18. 1 909 000
19. 6, 12, 8
20. -1

Wednesday


1. $2\frac{1}{2}$
2. 12:6, 2:1
3. 100
4. $\frac{2}{5}$
5. 0.9
6. 120°
7. 1, 2, 4, 7, 14 and 28
8. 2, 0, 1
9. false
10. 60
11. $\frac{7}{4}$
12. 0°
13. no

14. 144
15. £3.00
16. Teacher check
17. Teacher check
18. Teacher check
19. 15
20. 8

Thursday

1. $1\frac{3}{4}$
2. 0.03
3. parallelogram
4. 4
5. 6
6. cuboid
7. 800 g
8. 12
9. 5.6
10. 0.5, 0.55, 1.5
11. 55
12. 10 000
13. $9\frac{3}{7}$
14. 12:4 or 3:1
15. 20.48
16. 75%
17. 60°
18. true
19. 5.5
20. 18 cm

Friday Test page 86


1. $2\frac{1}{4}$
2. 8
3. thousandths
4. 0.7
5. 60°
6. 4.5 cm
7. 5640
8. 1, 2, 4, 7, 14, 28
9. cylinder
10. $\frac{5}{8}$
11. 31
12. 100
13. 0.75
14. $12\frac{4}{7}$
15. $\frac{8}{3}$
16. 
17. 12.04
18. 0.04, 0.44, 1.4
19. octahedron
20. 12
21. 3
22. trapezium
23. 120 m^3
24. 20:5 or 4:1
25. 750 g

WEEK 10 pages 20 – 21

Monday

1. $1\frac{1}{4}$
2. 4
3. 2
4. 16
5. 0.7
6. 50 cm
7. 100
8. trapezium
9. 5.02
10. 45 cm
11. 60
12. 9.07
13. 18 cm^2
14. 18 cm
15. 4.2
16. 40
17. 100
18. 1 000 000
19. 1.5
20. $2\frac{2}{3}$

Tuesday

1. $2\frac{1}{4}$
2. 90°
3. 10.4 cm
4. 1, 2, 3, 5, 6, 10, 15 and 30
5. pentagonal prism
6. 0.01
7. 20
8. 21:7 or 3:1
9. 4 in 20 / 1 in 5
10. 0.07
11. 400 000
12. 5.4
13. 
14. 0.08, 0.8, 8.8
15. 8
16. 750 g
17. 23.9
18. 8
19. 1.6
20. $1\frac{1}{3}$

Wednesday

1. $1\frac{1}{2}$
2. thousandths
3. 8
4. 6
5. 0.11, 0.1, 0.01
6. 12
7. 4.08
8. 400 g
9. 15
10. 60%
11. 1950
12. 270°
13. 2.45

14. 5
15. 0.15
16. 40
17. 16 cm^2
18. 20 cm
19. 1 000 000
20. $2\frac{1}{5}$

Thursday

1. $3\frac{1}{2}$
2. 10
3. 8
4. 5 cm
5. 12.3
6. $\frac{3}{4}$
7. 0.2
8. 2
9. 5.1
10. 180°
11. 5.5 cm
12. -5 hours
13. 1.5
14. 1, 2, 4, 8, 16 and 32
15. cylinder
16. 25
17. true
18. 12.04
19. $66\frac{2}{3}\%$
20. $\frac{8}{3}$

Friday Test page 86

1. $\frac{8}{3}$
2. 7 000 000
3. 6
4. 9
5. 0.4
6. 2.5
7. 2.8
8. 14.04
9. 1.5
10. $3\frac{1}{3}$
11. 60
12. 7.5 cm
13. 4.4
14. 200
15. 36 cm
16. 7.4
17. 20
18. 50°
19. 1, 2, 3, 6, 9 and 18
20. 270°
21. tetrahedron
22. 0.09, 0.9, 1.9
23. 12
24. 200 g
25. -5 hours

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 11 pages 22 – 23

Monday

- 203 030
- 25
- +3
- 110 000
- $\frac{9}{4}$
- 10%
- 8
- Teacher check
- 0.35
- £2.00
- 10
- 60°
- 1, 2, 11 and 22
- yes
- 36
- £5.00
- Teacher check
- 6
- $\frac{1}{6}, \frac{5}{9}, \frac{2}{3}$
- Teacher check

Tuesday

- 145 022
- $4\frac{1}{2}$
- 6
- 10%, 50%, 100%
- 6
- 104
- 27 cm^2
- 24 cm
- 20%
- 45°
- 4.05, 4.5, 4.55
- 200
- 90°
- 5.3
- 1 in 2
- 4
- 2
- $\frac{4}{3} = 1\frac{1}{3}$
- 11, 13, 17 and 19
- 3:12 or 1:4

Wednesday

- 560 440
- 29
- $\frac{10}{3}$
- 202 000
- 19 cm^2
- 19 cm
- 27
- 12
- 0.7
- false
- 90°
- 1, 3, 7 and 21
- 30%
- Teacher check

- 2.4
- 16
- 1 in 6
- 12, 14, 15, 16, 18 and 20
- £40.00
- Teacher check

Thursday

- 23 050
- $+1^\circ\text{C}$
- \square^4
- (a) 12
- 50%, 25%, 20%
- $2\frac{1}{3}$
- 4
- 70
- 5
- 180°
- 120°
- 2.5, 2.05, 2.005
- 50%
- 600 g
- 10.7
- $\frac{9}{10}, \frac{1}{2}, \frac{1}{5}$
- 8
- 50
- $3\frac{2}{5}$
- £10.00

Friday Test page 87

- 45 050
- 90
- 40
- $\frac{6}{5} = 1\frac{1}{5}$
- 1.5
- £2.00
- 35
- £3.00
- $\frac{6}{5}$
- 10
- 48 cm^2
- 34 cm
- 1 in 2
- 330 000
- 6
- 90°
- $+3^\circ\text{C}$
- Teacher check
- 5:15, 1:3
- 10
- 4
- Teacher check
- 20%
- 60
- false

WEEK 12 pages 24 – 25

Monday

- 0.25 kg
- 23 900
- -2°C
- +5 hours
- 180°
- Teacher check
- 3
- 6:18 or 1:3
- square pyramid
- 70%
- 10
- 20
- $1\frac{3}{4}$
- 40%
- 10
- $3\frac{2}{5}$
- 28 m^2
- 26 m
- 9
- 200 000 m^2

Tuesday

- ruler
- 0.5
- 360°
- 10
- $3\frac{1}{3}$
- 1 000 000
- 5:15 or 1:3
- 180°
- 70%
- 12
- 0.43
- Teacher check
- 2%, 20%, 45%
- 50 m
- 4
- £16.00
- 5.9
- 6
- 13
- (c) or Teacher check

Wednesday

- 0.75
- £5.00
- 17
- 630 020
- 110°
- 90%
- add 5
- triangular prism
- 9
- 90°
- 16
- $1\frac{3}{3}$
- 0.3
- 77%, 70%, 7%

- 1 in 2
- B
- 2
- 10:12 or 5:6
- 9
- 4

Thursday

- 0.2
- \square^4
- (b) 4
- 0°C
- 5.15 p.m.
- 1 000 010
- 90°
- Teacher check
- 11
- 120°
- £20.00
- subtract 4
- 60
- B
- 18 m^2
- 22 m
- $3\frac{2}{4}$
- 10 000
- 6:1
- 1:100

Friday Test page 87


- 0.4 kg
- 10
- 20 m
- Teacher check
- 4.15 p.m.
- 75
- $1\frac{1}{3}$
- 30%
- add 9
- £14.00
- 80
- 12
- $2\frac{4}{5}$
- A
- 180°
- 100 000
- 57 025
- 7
- 0.25
- 6.7
- 6 m^2
- 14 m
- \square^6
- Teacher check
- -1°C

WEEK 13 pages 26 – 27

Monday

- 0.6
- heads and tails
- 10
- 102 255
- 6.07
- subtract 10
- $\frac{1}{100}$
- 0.10
- 4
- yes
- 25%
- 0
- cone
- 15 km
- 1
- $1\frac{1}{4}$
- 3
- trundle wheel
- false
- 5000 m


Tuesday

- 0.333
- 36 km
- $\frac{1}{3}$
- 5.53
- 111 011
- $+3^\circ\text{C}$
- $\frac{2}{100}$
- 
- Teacher check
- 10 cm
- add 6
- $5\frac{1}{3}$
- 0.4
- 9
- Teacher check
- 7%, 57%, 75%
- $\frac{1}{4}$
- 100 000
- 75 mm
- 48

Wednesday

- 0.8
- £3.00
- £160
- 7.24
- 360°
- 145°
- 85
- $1\frac{1}{2}$
- $\frac{5}{100}\text{ cm}^2$
- 16 cm
- 2
- 10.20 a.m.
- $\frac{4}{10}$

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

15. 12
 16. 
 17. 16
 18. 48 km
 19. $2\frac{5}{6}$
 20. Teacher check

Thursday

1. 4.08
 2. 1, 2, 3, 4, 5 and 6
 3. 750 050
 4. 15 cm
 5. $\frac{20}{2}$
 6. $\frac{4}{5}$
 7. 9%
 8. Teacher check
 9. add 2.5
 10. 11
 11. $3\frac{4}{5}$
 12. 0.65
 13. 16
 14. Teacher check
 15. 12:8 or 3:2
 16. true
 17. 64
 18. 100 km
 19. 1 001 001
 20. 12 m²

Friday Test page 88

1. 0.75 kg
 2. $\frac{13}{5}$
 3. heads and tails
 4. $\frac{7}{10}$
 5. 505 025
 6. add 0.3
 7. 10
 8. 0.08
 9. 4.03
 10. 505 055
 11. 6 cm
 12. £3.00
 13. 30 km
 14. 9.35 a.m.
 15. +3 °C
 16. Teacher check
 17. $\frac{1}{4}$
 18. $5\frac{2}{3}$
 19. true
 20. 4.07
 21. 800 m²
 22. 0.05
 23. 20
 24. Teacher check
 25. 10

WEEK 14 pages 28 – 29

Monday

1. 4
 2. $\frac{1}{2}$
 3. E
 4. 800 g
 5. 1
 6. 2.4
 7. 5 cm²
 8. 12 cm
 9. 100:300 or 1:3
 10. 50% of 100
 11. 0.233 km
 12. $19\frac{1}{3}$
 13. subtract 9
 14. $\frac{18}{5}$
 15. $\frac{1}{2}$
 16. 0.1
 17. 6
 18. 9.5 cm
 19. 12.10 p.m.
 20. £5.00

Tuesday

1. 7.75
 2. 35 mm
 3. false
 4. 30
 5. 1, 2, 3, 4, 5 and 6
 6. 10% of 80
 7. 0.505 km
 8. A
 9. 9.54
 10. Teacher check
 11. £2.00
 12. $4\frac{2}{5}$
 13. 11%
 14. 0.2
 15. Teacher check
 16. 9%, 90%, 99%
 17. $\frac{1}{8}$
 18. 432 032
 19. $\frac{1}{2}$
 20. 54 km

Wednesday

1. 8.4
 2. 10% of 70
 3. £3.00
 4. 0.925 km
 5. $\frac{\square}{3}$ ⁴
 6. 4
 7. add 2
 8. 80°
 9. 12.08
 10. 20
 11. 12
 12. 36
 13. 13 cm

14. $\frac{1}{2}$
 15. 1.0
 16. 68 mm
 17. $\frac{5}{6}$
 18. 110°
 19. 16
 20. 3.43

Thursday


1. 19.5
 2. 72 km
 3. 12.30 a.m.
 4. true
 5. 25 m²
 6. 26 m
 7. £6.00
 8. 500 g
 9. 1% of 100
 10. $\frac{\square}{6}$ ⁴
 11. 4
 12. 2
 13. 4%
 14. 0.87 km
 15. 11.5 cm
 16. Teacher check
 17. 10 000 000
 18. Teacher check
 19. 64
 20. 24

Friday Test page 88


1. 6.75
 2. £5.00
 3. 600 g
 4. 20% of 50
 5. $\frac{\square}{10}$ ⁴
 6. 4
 7. 11
 8. 64 000
 9. £4.50
 10. 0.345 km
 11. 32
 12. subtract 0.2
 13. heads and tails
 14. 75°
 15. 55 mm
 16. 10.3
 17. Teacher check
 18. $\frac{1}{2}$
 19. 5.5 cm
 20. Teacher check
 21. $\frac{1}{4}$
 22. $5\frac{2}{4}$
 23. 1.15 a.m.
 24. 66 km
 25. 2

WEEK 15 pages 30 – 31

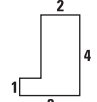
Monday


1. 8.75
 2. true
 3. 
 4. 10 p.m.
 5. 90%
 6. $\frac{73}{7}$
 7. two thousandths
 8. A
 9. 5 in 26
 10. 2.9
 11. 200 000
 12. 135°
 13. $6\frac{2}{10}$
 14. 5.4
 15. 4.2
 16. 0.82 km
 17. 8.5 cm
 18. x
 19. 1 kg
 20. subtract by next square number

Tuesday

1. 10.4
 2. 
 3. $\frac{2}{3}$
 4. 50% of 24
 5. +
 6. £10.00
 7. £50.00
 8. £10.00
 9. $\frac{23}{8}$
 10. 1 000 000
 11. 4
 12. 1.9
 13. 18.8
 14. 11 m
 15. 7.8
 16. 10 101 000
 17. 8.07
 18. Teacher check
 19. 0.15
 20. 50 km

Wednesday


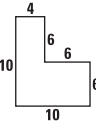

1. 9.35
 2. 2.35
 3. 60%
 4. 0.575 km
 5. 
 6. 20
 7. 2.45
 8. +1 hour

9. –
 10. add 3.3
 11. 7
 12. 11 m
 13. 0.12
 14. 4.5%, 45%, 54%
 15. 
 16. 10 m²
 17. 20 m
 18. 29%
 19. 40 ha
 20. 8

Thursday

1. 7.725
 2. 2% of 50
 3. 35°
 4. 16
 5. 0.905 km
 6. $\frac{3}{4}$
 7. 49
 8. ÷
 9. $\frac{1}{4}$ kg
 10. $8\frac{1}{2}$
 11. £10.50
 12. 10.06
 13. Teacher check
 14. 40
 15. 75 km
 16. 20
 17. £25.00
 18. $\frac{1}{2}$
 19. 125
 20. A, C, D, E, F

Friday Test page 89


1. 5.65
 2. 20 cm
 3. 80%
 4. 0.62 km
 5. ÷
 6. 
 7. $6\frac{3}{10}$
 8. £10.00
 9. add 10
 10. +1 hour
 11. 750 g
 12. 
 13. 20% of 50
 14. $2\frac{1}{9}$
 15. 35°
 16. 400 000 m²
 17. 9
 18. 0.15
 19. 

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

20. 16.66
21. Teacher check
22. £10.00
23. 2.9
24. 25 km
25. 18

WEEK 16 pages 32 – 33


Monday

1. 6.51
2. false
3. 50%
4. 8.4
5. 20
6. 20
7. 0.755 km
8. 
9. +
10. 200 g
11. $\frac{1}{5}$
12. add 3
13. 25% of 60
14. 6000
15. $5\frac{1}{3}$
16. $\frac{1}{2}$
17. Teacher check
18. 10
19. 1000:200, 5:1
20. £8.00

Tuesday


1. 4.23
2. 3.1
3. x
4. $\frac{11}{3}$
5. 10
6. 5
7. 6
8. 0.3
9. true
10. 65°
11. Teacher check
12. 61
13. 110 055
14. 4
15. true
16. 2, 3, 5, 7, 11, 13, 17 and 19
17. no
18. 6
19. 32
20. 25 km

Wednesday


1. 7.26
2. $\frac{7}{9}$
3. 7.96
4. 99%
5. 

6. 0.95 km
7. –
8. $1\frac{1}{2}$
9. 10 in 50 / 1 in 5
10. 25.09
11. Teacher check
12. 12
13. 590 145
14. 10 000 010
15. false
16. 10:15 or 2:3
17. 100 000
18. 32 m²
19. $4\frac{2}{4}$
20. £66.00

Thursday

1. 4.91
2. 100%
3. 750 g
4. add 2.2
5. 75% of 60
6. 0.14
7. 122%
8. 21
9. $\frac{20}{7}$
10. 10 000
11. 4, 6, 8, 9, 10, 12, 14, 15, 16, 18 and 20.
12. $10\frac{1}{2}$
13. 5
14. 
15. 7.78
16. ÷
17. 6
18. yes
19. 6
20. 30 km


Friday Test page 89

1. £8.00
2. 7.53
3. $10\frac{1}{2}$
4. 4
5. A, C
6. 6
7. 70%
8. 0.249 km
9. 100 000
10. x
11. add 5.1
12. £63.00
13. $\frac{1}{2}$
14. 1 kg
15. 11.15 p.m.
16. 25% of 36
17. $4\frac{3}{4}$
18. 64
19. 

20. 10
21. 40°
22. false
23. Teacher check
24. 0.15
25. 2000:200, 10:1

WEEK 17 pages 34 – 35

Monday



1. 5.9
2. 12
3. –4
4. 0.25
5. $\frac{3}{5}$
6. 0.75
7. 8.7
8. 
9. 0.545 km
10. x
11. 7.4
12. 135%
13. £40.00
14. 3 in 12 / 1 in 4
15. 1 000 011
16. subtract 4
17. 50% of 16
18. 50
19. 60 km/hr
20. 29 m

Tuesday


1. 2.24
2. +
3. $4\frac{3}{7}$
4. 14
5. 0.5
6. Teacher check
7. $\frac{5}{7}$
8. 80 mm
9. 2 052 891
10. 202%
11. 8 cm
12. false
13. yes
14. 90°
15. 4
16. 3
17. 0.1
18. Teacher check
19. 30
20. 2

Wednesday




1. 3.44
2. 12
3. 1
4. 0.12
5. 0.983 km
6. ÷

7. subtract 15
8. 
9. $\frac{2}{3}$
10. $\frac{1}{2}$
11. 90% of 90
12. 
13. $8\frac{1}{10}$
14. 0.75
15. false
16. 35°
17. 1
18. 111 010
19. $6\frac{1}{4}$
20. no

Thursday

1. 5.24
2. 0.89
3. 7
4. 7.4
5. $10\frac{1}{4}$
6. –
7. £800
8. 0.5
9. 81
10. 
11. –2
12. 27
13. 250 893
14. 6
15. 48 km/hr
16. 2
17. 3 000 000
18. 0.21
19. $\frac{27}{5}$
20. 8


Friday Test page 90

1. 5.63
2. $\frac{2}{7}$
3. 304%
4. 5 cm
5. £50.00
6. 3
7. 7
8. 0.6
9. 5 000 000
10. 0.62
11. 25
12. 
13. 0.63 km
14. 0.24
15. 
16. +
17. 
18. subtract 7
19. 18
20. 7 150 220

21. true
22. 4
23. 45 km/hr
24. £600
25. 12

WEEK 18 pages 36 – 37

Monday

1. 0.2
2. –4
3. 0.45
4. 1.12
5. true
6. 8.3
7. x
8. £12.00
9. £90
10. 64
11. $9\frac{1}{4}$
12. 0.35
13. 5 500 040
14. 7.0
15. 7.31
16. 0.4
17. 
18. add 2.4
19. $\frac{6}{5}$ or $1\frac{1}{5}$
20. 2 cm

Tuesday

1. 0.18
2. 60 mm
3. 12
4. 11.5
5. 4
6. 10 110 000
7. 2.15 m
8. 72 km/hr
9. 20 in 52
10. Teacher check
11. ÷
12. 1.5
13. add 3.3
14. 40 cm²
15. 42 cm
16. 60% of 25
17. $\frac{2}{10}$, $\frac{1}{5}$
18. 7.91
19. 81
20. 0.063

Wednesday

1. 0.32
2. –5
3. $\frac{3}{4}$
4. 6.89
5. 8
6. 0.58
7. true
8. a = 160°

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

9. 5.56 m
10. Teacher check
11. –
12. 3.5
13. 12
14. 50% of 40
15. 100%
16. 11
17. 30
18. 7000
19. $\frac{1}{10}$
20. false

Thursday


1. 0.9
2. –6
3. Teacher check
4. 4.28 m
5. +
6. £900
7. true
8. $5\frac{1}{4}$
9. 16 in 52
10. 310°
11. 2.6
12. 100
13. 7.87
14. Teacher check
15. hundred thousands
16. 40
17. 9
18. false
19. yes
20. 0.8

Friday Test page 90

1. $\frac{16}{52}$
2. 0.6
3. true
4. 0.18
5. 210 m^3
6. 0.7
7. $\frac{1}{4}$
8. 6.25 m
9. 1.7
10. x
11. 256
12. $8\frac{2}{10}$
13. true
14. Teacher check
15. 0.65
16. 5 025 250
17. 6.22
18. subtract 5.2
19. 260°
20. –6
21. 36 m^2
22. 30 m
23. 90 mm
24. £900
25. Teacher check

WEEK 19 pages 38 – 39

Monday

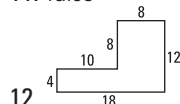
1. 0.3
2. 5
3. 3.5 hours
4. 30
5. 5.15 m
6. \div
7. 9
8. 70°
9. 150
10. 0.155
11. 7 502 250
12. Teacher check
13. 24.67
14. 0.3
15. add 1.1
16. false
17. 
18. 12 in 52
19. 15.4
20. 750 g

Tuesday

1. x
2. no
3. 4
4. 80
5. 30
6. 318
7. 0.75 kg
8. 17
9. 45°
10. 0.5
11. 6
12. yes
13. $\frac{1}{2}$
14. 25%
15. 9
16. 5
17. –2
18. 8
19. 0.005
20. add 8

Wednesday

1. –6
2. 32
3. 20
4. 0.14
5. 1 909 000
6. 575
7. 7.98 m
8. +
9. 0.25
10. 15 apples
11. false




13. 2
14. 9 452 980
15. 1
16. 325
17. 8.53
18. 34 m^2
19. 30 m
20. false

Thursday

1. $\frac{2}{3}$
2. 9
3. parallelogram
4. 4
5. 0.15
6. –3
7. + or –
8. 0.03
9. true
10. 9 m
11. 75% of 20
12. 21
13. 121
14. trapezium
15. 1
16. Teacher check
17. $10\frac{1}{5}$
18. true
19. 2
20. $\frac{2}{4}$

Friday Test page 91


1. 0.36
2. –3
3. true
4. $0.42 = \frac{42}{100}$
5. 9.45 m
6. 6 hr 30 min
7. 1 001 010
8. 3
9. \div
10. parallelogram
11. 0
12. 0.008
13. 4 750 500
14. 59.34
15. 105°
16. 10
17. 750 g
18. no
19. 45 m^2
20. 36 m
21. 
22. subtract 10.2
23. 0.25 kg
24. 8
25. 2 m

WEEK 20 pages 40 – 41

Monday


1. –5
2. 13 in 52
3. isosceles
4. 0.16
5. 5.24 cm
6. +, +
7. 0.009
8. 1.4
9. 9 850 725
10. $3\frac{1}{7}$
11. 6.44
12. 10
13. 15 cm
14. square numbers
15. 10
16. 500 g
17. 4.45 kg
18. 6, 12, 8
19. 10^5
20. Teacher check

Tuesday

1. 0.63
2. 1
3. –, –
4. 0.09
5. 200 000
6. 20.95
7. 24
8. no
9. 4
10. 10 cm
11. 35%
12. 90
13. 
14. 10:1
15. 5.72 kg
16. 5, 9, 6
17. 180°
18. 360°
19. 48 m^2
20. 38 m

Wednesday


1. yes
2. –2
3. 80
4. $3\frac{4}{9}$
5. 12
6. yes
7. 6.07 cm
8. 15°
9. 0.6
10. true
11. x, x
12. 0.9

13. $\frac{2}{5}$
14. 5.5
15. subtract 5
16. 2
17. no
18. 
19. 3, 0, 0
20. 3

Thursday

1. 35 cm
2. 2 in 4 / 1 in 2
3. –4
4. 8
5. true
6. 18 m^2
7. 18 m
8. 0.12
9. \div, \div
10. scalene triangle
11. 4 000 000
12. 18.99
13. 200
14. 10 m
15. 100 g
16. 5
17. 2.05 kg
18. no
19. yes
20. –8

Friday Test page 91

1. –4
2. 0.18
3. 8.35 cm
4. scalene triangle
5. false
6. 48 m^2
7. $10\frac{1}{4}$
8. no
9. +, +
10. 0.002
11. false
12. $\frac{1}{3}$
13. 15.41
14. 4, 6, 4
15. subtract 3.2
16. 10
17. 2.079 kg
18. 500
19. no
20. 360°
21. 8000:4000, 2:1
22. 54 cm
23. 
24. 500 g
25. 50:250 or 1:5


NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 21 pages 42 – 43

Monday

- 5
- 0.48
- 4.05 m
- 280
- $x, +$
- 300 g
- 6.2 kg
- $1\frac{1}{3}$
- kite
- $(7 \div 1) - (5 + 2)$
- £40
- 6.7
- Teacher check
- $\frac{5}{6}$
- 2:1
- 1 000 010
- 12.57
- 0.005
- subtract 3.1
- 450 mm

Tuesday

- 8
- 32
- 5
- 0.28
- $\frac{31}{7}$
- $\frac{3}{4}$
- $\div, -$
- 3, 0, 0
- prime numbers
- 30
- 5.585
- yes
- 
- 16 in 52 / 4 in 13
- 8
- £36.00
- 5
- 360°
- tenths
- yes

Wednesday


- $\frac{2^2}{6}$
- £16.00
- 4:1
- 180°
- 60 km/hr
- 6
- 0.27
- 2, 0, 1
- 5.2 m
- 6
- 40 000
- Teacher check
- $x, -$
- 10.22

- 100
- Teacher check
- 0.05
- $(70 \div 10) \times (5 \times 1)$
- 4.02 kg
- 10.94

Thursday

- 360°
- rhombus
- 21
- 8.45
- £45
- 1:4
- $\frac{8}{5}$
- 9
- 420
- 0.05, 1.5, 5, 50
- 0.35
- 1 000 000
- $\div, +$
- odd numbers
- 200
- 200 g
- 9.696
- no
- 2
- no

Friday Test page 92

- 9
- £12.00
- 2200
- 0.27
- 5.02 m
- 
- 2.5
- 360°
- 3
- $x, +$
- £45.00
- 1:4
- 15.94
- 0.002
- 10
- 0.22, 2, 2.2, 2.22
- Teacher check
- 2
- 4
- 500 g
- $\times 2$ (or doubling)
- Teacher check
- 4
- 7.919
- 48 km/hr

WEEK 22 pages 44 – 45

Monday

- 180°
- 11
- 30 in 40 / 3 in 4
- 0.16
- 5.4 m
- 27
- 1
- $\frac{2}{3}$
- 70
- $+, x$
- 0.001
- $\frac{16}{10}$
- 4, 6, 4
- 50 cm
- 9 a.m.
- £40
- 1:5
- 23, 29
- 16
- 19.57

Tuesday

- 11
- 0.45, 0.3, 0.2, 0.015
- 10 001 001
- $\frac{3}{4}$
- 64
- £180.00
- $\frac{5}{10}$
- 0.42
- Teacher check
- $-, \div$
- £10.00
- 2.005 kg
- 25 km
- parallelogram
- 45°
- 1:9
- 20.06
- add 2
- 5.699
- yes

Wednesday

- 10 010 010
- 5
- $+, x$
- +2 hours
- $\frac{2}{100}, \frac{1}{10}, \frac{1}{2}, \frac{3}{4}$
- £2.00
- 5.8
- pentagonal prism
- 40
- 0.45
- prime numbers
- 90°
- 7.579
- yes

- 360°
- 8
- yes
- 3000
- 900 000
- 3%

Thursday

- 12
- $(80 \div 10) \times (1 + 7) - 60 = 4$
- trapezium
- 0.2
- 9
- 7.03 m
- Teacher check
- $1\frac{1}{10}$
- $-, \div$
- £50
- false
- 3.05 kg
- £20.00
- 80°
- 1:6
- 0.045
- 8.735
- no
- 81
- 15 cm

Friday Test page 92


- 0.15
- $(60 \div 10) \times (1 + 9) - 6$
- 6.2
- 45°
- trapezium
- 11
- 2%
- 3000
- 8
- $\frac{15}{20}$
- $+, x$
- 2 p.m.
- £35.00
- 1:6
- 120 cm
- 20.53
- $\frac{4}{5}$
- $\frac{4}{10}$
- £20.00
- 3.004
- $\div 2$ (or halving)
- 5.569
- no
- 80 km
- 20:100 or 1:5

WEEK 23 pages 46 – 47

Monday

- 12
- 0.36
- $\frac{1}{4}$
- $x, -$
- $\frac{2}{5}$
- 10 111 011
- £375
- 1.5
- 60°
- 352
- 3.04 kg
- £210.00
- 1, 0, 0
- 400
- 17.8
- yes
- 5.997
- yes
- no
- 100%

Tuesday

- 0.4
- $-, \div$
- 1:5
- 19.35
- 6.35
- 3.004 kg
- $\times 3$
- 7.265
- 
- 4 in 52 / 1 in 13
- 10
- no
- 300 mm
- 100 km
- 16
- 4
- 25%
- $\frac{1}{8}$
- 12
- 2.2, 2.02, 2.002, 2.0

Wednesday

- 4
- $\frac{2}{3}$
- 0.2
- $x, +$
- 50
- $\frac{540}{50}$
- 65
- 2, 0, 0
- £225.00
- 60°
- 160 cm
- $\frac{3}{5}$
- no
- £125



NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

- 10 000 100
- 3.4 kg
- 7.366
- $\frac{2}{100}, \frac{1}{5}, \frac{1}{3}, \frac{3}{4}$
- 420 mm
- £80

Thursday


- 0.2
- 8
- Teacher check
- hundredths
- 0.6
- 35
- +9 hours
- $\frac{2^2}{5}$
- $\frac{680}{100}$
- €25
- $\frac{2^2}{5}$
- 1:5
- 3.65
- yes
- 10 m
- 0.054
- 0.007
- 64
- 6.33
- 400 mm

Friday Test page 93

- 13
- 100%
- $\frac{4}{5}$
- 57
- $4\frac{3}{5}$
- 
- no
- 0.42
- £150.00
- 
- x, -
- 5.575
- no
- 1:5
- 300 mm
- $\frac{1}{3}, \frac{3}{10}, \frac{1}{5}, \frac{1}{100}$
- 60°
- 4.48
- +5 hours
- 2
- 6 m
- pentagonal prism
- 616
- 7, 15, 10
- 90 km

WEEK 24 pages 48 – 49

Monday

- 9
- £360
- 
- $\frac{29}{3}$
- 0.25
- 1
- $\frac{4}{5}$
- 12
- Teacher check
- 0.6
- 0.3
- $\frac{9^2}{5}$
- £48.00
- 4.613
- $\frac{5^2}{5}$
- 60°
- 10
- no
- 0.7
- 25.437

Tuesday

- 14
- 36 m²
- 80
- $\frac{6}{7}$
- 10 110 110
- x, +
- 6.03 kg
- 27 km/hr
- 5, 8, 5
- 5.864
- 0.6
- no
- 15.601
- 360°
- 
- $\frac{6^3}{10}$
- 20
- 36
- 0.625
- 250

Wednesday



- 1
- 14
- 0.52
- ÷, -
- 0.8
- 5
- $\frac{1}{4}$
- cylinder
- 27
- 6, 12, 8
- 27 m³
- 6.153
- 3 in 9 / 1 in 3

- yes
- 1:7
- no
- 135°
- 0.9
- false
- 16

Thursday


- 0.1
- £300
- Teacher check
- 121
- 2.57
- 9000
- 0.36
- $10\frac{1}{3}$
- 7.005 kg
- 45°
- 6.337
- 808, $2\frac{1}{2}$, 1.8
- no
- 24.079
- 360°
- false
- 3.24
- $12\frac{3}{5}$
- 1:4
- 7 hours

Friday Test page 93

- 0.38
- 0.25
- 7
- 
- £480
- $\frac{1}{2}$
- $\frac{6^3}{5}$
- 20
- 49
- 5.422
- 3.679 kL
- no
- 6.509
- 55°
- 31
- $11\frac{2}{4}$
- ÷, +
- $\frac{5^2}{7}$
- 
- 5, 9, 6
- 6.629
- 360°
- 0.33
- false
- 1:100

WEEK 25 pages 50 – 51


Monday

- 14
- $\frac{3}{4}$
- 70°
- £600
- 0.6
- $\frac{2}{5}$
- yes
- $\frac{29^2}{3}$
- Teacher check
- 0.75
- 0.05
- 6.514
- 270°
- 20.485
- 0.75
- 1 000 000
- 
- no
- false
- 50% of 20

Tuesday

- 55°
- 1 000 000
- 700
- 100 000
- 16
- 150
- $\frac{1}{8}$
- 0.48
- 5
- pentagonal pyramid
- 6
- 10
- 6
- 35
- 0.009
- 2.328
- x, -
- 8.25 kg
- 48 m²
- 46 m

Wednesday


- $\frac{1}{2}$
- £240
- $\frac{5^3}{5}$
- 0.7
- 15.509
- +, ÷
- $\frac{1}{10}$
- hexagonal prism
- 8, 18, 12
- 
- 0.25

- 1 000 000
- 0.009, $3\frac{1}{2}$, 7.07
- 360°
- 1.25
- 310°
- yes
- 5 in 15 / 1 in 3
- true
- 4.05

Thursday

- 560 mm
- 100 km/hr
- 45°
- 7.3
- Teacher check
- $\frac{1}{4}$
- 4
- 9
- 14
- 7.226
- 0.4
- 6800
- 14.207
- 5.004 kg
- $\frac{1}{2}$, 0.1, 0.049, 3%
- yes
- 0.011
- 360°
- 35%
- yes

Friday Test page 94

- yes
- 15
- 300
- $\frac{1}{8}$
- £1200
- 0.32
- 0.55, $\frac{1}{2}$, 0.1, 5%
- 4.164
- 14.857
- 0.2
- 0.004
- yes
- 100
- false
- 35°
- 2.25
- 60°
- 0.005
- 
- 9
- x, -
- 360°
- true
- 5
- Teacher check

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 26 pages 52 – 53


Monday

- 150 cm
- 400
- Teacher check
- 13
- 0.9, 0.222, 0.11, 5%
- $\frac{4}{5}$
- 0.54
- 5.264
- 16.632
- 30%
- 2
- £25.00
- 14p
- 7000
- 64
- €50.00
- 3, 4
- x, +
- 10 990 090
- 3

Tuesday


- 11
- £300
- 28
- 0.75
- 50°
- 1750
- Teacher check
- 14.369
- 5
- 0.5
- true
- 5
- 1 in 6
- 7, 15, 10
- 5
- 5, 2
- 30 m²
- 28 m
- +, ÷
- 4

Wednesday

- 
- 9
- 64
- 10.44
- no
- false
- 20p
- 70°
- 6.024
- 4%, 0.5, 2, 6 $\frac{1}{4}$
- 7
- 1 in 2
- 0.6
- 0.4

- 9.1
- 20
- 150°
- 40 000
- 0
- , ÷

Thursday


- 180°
- £12 000
- 0.78
- 4.353
- £200.00
- 49
- 23.068
- $\frac{6}{7}$
- 36
- 
- 0.4
- yes
- 7.98
- 75%
- yes
- 5%
- 50°
- 6
- 2, 2
- £15.00

Friday Test page 94

- 1
- 11
- 2⁶
- 0.48
- 3, 4
- 54
- 0.7
- 11p
- 8000
- no
- 9
- £24 000
- 35°
- Teacher check
- 6.312
- 35%
- £200.00
- 0.75
- no
- 14 $\frac{5}{8}$
- true
- 20 cm
- 3 in 6 / 1 in 2
- 0
- £22.50

WEEK 27 pages 54 – 55

Monday

- 4
- 200 mm
- 6
- $\frac{83}{8}$
- 2100
- 3000
- 0.3
- 12.568
- 1 in 7
- 13
- 0.01
- 50 000
- 2, 1
- 4, 3
- +, ÷
- €10.00
- 
- £6000
- 45°
- £15.00

Tuesday

- 3
- 3.242
- 10 001 001
- 70%
- 5
- 41 700, 69 022, 99 080
- 12p
- scalene
- 0.05
- 5
- 40°
- 0.3 kg
- 45°
- Teacher check
- octahedron
- 1000
- 0.25
- 125
- 2 020 002
- 0.75

Wednesday


- 0.51
- 0.02
- 0.4
- 2000
- 15.237
- 600 000
- 20
- 85°
- 0.04
- , x
- 52.5
- 90°

- 25.2
- 3
- 0.2
- £2.10
- 25
- 0.2
- $\frac{1}{4}$, 0.1, 8%
- 0

Thursday


- 4.156
- $\frac{1}{3}$
- isosceles
- 40
- 1
- 0.04
- 0.289
- +3
- 70%
- 5, 5
- 3, 2
- 29.2
- 0.4
- 50
- 0.08
- 4
- 54 m²
- 121
- £3000
- 0.3

Friday Test page 95

- 0
- 1800
- 0.03
- 1200
- 0.02
- +4
- 5.5
- 0.6
- 4.272
- 700 000
- 4, 2
- 63 m²
- 0.35
- , x
- scalene
- £1800
- 50°
- 0.8
- 90°
- 3 033 500
- 15p
- 
- £15.00
- €10.00
- 0.75

WEEK 28 pages 56 – 57

Monday

- +1
- 0.36
- 3.467
- $7\frac{1}{9}$
- 2000
- £8
- 1600
- 1 minute
- 70 000
- 0.065 L
- 16.18
- 4.045
- 250%
- 24 000 cm²
- x, -
- £3.00
- 
- 60%
- 30°
- 50%



Tuesday

- 3
- 24
- 6000
- 15
- 500
- £210.00
- 14.018
- equilateral triangle
- £9000
- 2
- 0.089
- $\frac{19}{4}$
- 4
- 12
- $\frac{3}{8}$
- 4
- $\frac{1}{8}$
- yes
- +6
- 0.51



Wednesday

- 32.016
- triangular pyramid
- $e = \frac{2}{3}$
- 4
- 20
- 20.076
- 800
- 35°
- 64 km
- 40%
- 0.095
- 16p
- 2



NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

14. 0.6
15. 0.1
- 
16. 
17. 0.09
18. 4, 2
19. 3, 4
20. 0.13 m

Thursday

1. 0.9
2. 12 in 52
3. 5 minutes
4. 28 m²
5. 18 m
6. 0.015
7. $\frac{47}{20}$
8. $\div, +$
9. 35°
10. 18p
11. 360°
12. 3
13. 7.1
- 
14. 
15. 400 m²
16. 100 m
17. 0.035
18. 5
19. 0.6
20. Teacher check

Friday Test page 95

1. pentagonal
2. +4
3. Teacher check
4. 5, 5
5. 0.34
6. 0.07
7. 0.025
8. 6 minutes
9. 50 000
10. 0.085
11. $\times, -$
12. 900 m²
13. 140 m
- 
14. 
15. 350%
16. 55°
17. 36 000
18. 0.14 m
19. 15
20. 12
21. £80.00
22. €10.00
23. 3
24. 56 km
25. 0.5

WEEK 29 pages 58 – 59

Monday

1. £315
2. -6
3. right
4. 5 thousandths
5. 0.925
6. 0.6
7. $\frac{1}{2}$
8. 500
9. 20 minutes
10. 5%, 0.99, $3\frac{2}{3}$
11. 14 000
12. 19p
13. 0
14. 0.032
15. 0.875
16. £20.00
17. 0.125
18. 2.5 m²
19. +1
20. 0.002 kg

Tuesday

1. £20.00
2. -6
3. 36
4. 2250
5. 54.12
6. 50
7. acute
8. £408
9. rhombus
10. 0.48
11. 0.049
12. 27.036
13. 8000
14. £1500
15. 4
16. 0.33
17. 49
18. 100
19. 7
20. 0

Wednesday

1. 4, 2
2. 1, 4
3. +4
4. obtuse
5. false
6. £1800
7. $\frac{1}{2}$
8. 21p
9. 0.4
10. 3
11. 0.7
12. 100
13. octahedron
14. +3

15. 5
16. $\frac{1}{8}, \frac{1}{2}, \frac{5}{8}, \frac{3}{4}$
17. 0.15 t
18. 360°
19. 1 in 2
20. 1 000 000

Thursday

1. 0.36
2. £309
3. 35°
4. 5
5. $\frac{1}{2}$
6. 31
7. 15.548
8. 2 minutes
9. 400 000
10. 75°
11. 8
12. 0.4
13. 4
14. 100
15. true
16. 360°
17. 1 in 2
18. 0.007 m
19. $\frac{1}{3}, \frac{3}{6}, \frac{2}{3}, \frac{8}{9}$
20. 2

Friday Test page 96

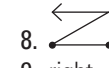
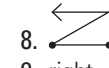
1. +5
2. 0.268
3. £525
4. 0.005
5. obtuse
6. 40 minutes
7. 0.25
8. 0.7
9. 1
10. 65°
11. 700 000
12. true
13. +1
14. 25
15. octagon
16. 24p
17. 2.34, 90%, 18%, 0.11
18. 0
19. true
20. 20.488
21. 1.2 m²
22. £240
23. 64
24. pentagonal
25. 100 L

WEEK 30 pages 60 – 61

Monday

1. 2
2. +3
3. £510
4. 0.8
5. 350
6. 500
7. 0.011
8. 25p
9. 0.8
10. £100.00
11. 0
12. 10 000 800
13. £480
14. 2
15. 540 cm
16. 0.045 L
17. £42
18. 8
19. 1500 m²
20. 200 m

Tuesday

1. no
2. 8, 12, 6
3. 1800
4. 3
5. -2
6. 1.3
7. 3500
- 
8. 
9. right
10. false
11. 10 minutes
12. 0.25
13. 8
14. 16
15. 15 in 20 / 3 in 4
16. 0.11 km
17. 1, 1
18. 3, 4
19. 180 mm
20. 5

Wednesday

1. 4
2. 0.04 m
3. 1.9
4. E
5. 25°
6. -3
7. £416
8. acute
9. 0.66
10. kite
11. 1.8
12. 1
13. 27
14. 0.4

15. £7.00
16. £960
17. 0.044
18. $e = 40$
19. $\frac{1}{8}, \frac{1}{4}, \frac{5}{10}, \frac{6}{8}$
20. 6

Thursday

1. 132 m²
2. 3
3. obtuse
4. 10 minutes
5. 0.001
6. 22p
7. 0.8
8. $9\frac{8}{10}$
9. 1.1
10. $y = 315^\circ$
11. no
12. -2
13. 36
14. 12
15. 10.1
16. 1
17. Teacher check
18. $6\frac{1}{4}$
19. $\frac{2}{6}, \frac{1}{2}, \frac{2}{3}, \frac{7}{9}$
20. 8

Friday Test page 96

1. 3
2. 1.7
3. +6
4. £618
5. +2
6. 0
7. 8
8. 6
9. 30
10. 0.022
11. 4.25 or $4\frac{1}{4}$
12. right
13. $7\frac{16}{20}$
14. 250°
15. 16p or 17p
16. 9.7 km
17. 0.14 m
18. 450 mm
19. 6.0
20. £960
21. 2000 m²
22. 200 m
23. 8.1
24. €10.00
25. 5, 2

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 31 pages 62 – 63

Monday

- 3
- 1
- 360 mm
- 4
- £6.00
- false
- 8.253
- 6.96
- 5
- 0.2
- no
- 25
- 24 cm³
- Teacher check
- 0.06
- 3.1
- 
- 66 m²
- 46 m
- ruler

Tuesday


- true
- 8, 12, 6
- 3
- +5
- 300 000
- 5.45 litres
- right angle
- 250 mm
- 0.66
- rhombus
- 36
- no
- yes
- 54 cm³
- Teacher check
- 6.1
- metre stick
- 0.09
- 900 000
- yes

Wednesday


- 3
- 1, 1
- 3, 4
- 1.1
- 130 cm
- 64
- acute angle
- 0.375
- 4.4
- 96 cm³
- 1.1
- February
- June
- January

- 10
- April
- May
- June
- ruler
- 7

Thursday


- 2
- £1.25
- 
- 6
- 20
- 7.945
- 0
- 121
- 4.6
- 410
- false
- obtuse
- 1 in 2
- 0.8
- yes
- 100%
- 150 cm³
- 2.1
- 360°
- yes

Friday Test page 97

- 4
- +3
- £5.10
- false
- 4.295
- 0
- 10%
- 420 000
- 0.6
- 225 mm
- Teacher check
- 140 mm
- true
- 24 cm³
- ruler
- 8, 12, 6
- reflex
- 50 000
- 
- yes
- 4, 4
- 1, 2
- 6.5
- 360°
- yes

WEEK 32 pages 64 – 65

Monday

- reflex
- 32
- 4
- $\frac{25}{4}$
- 10 512 015
- 80p
- 100 000
- £1.20
- 90°
- 15
- 100
- $3\frac{3}{5}$
- 
- 15.607
- $a = l \times w$
- $\frac{18}{7}$
- kitchen
- 48 000 cm³
- true
- £5.00

Tuesday


- $\frac{3}{4}$
- 3 650 000
- £60.00
- 7.75
- right
- 6050 m
- 4
- 9.045
- trundle wheel
- 72 km
- 5
- $8\frac{1}{6}$
- 21.369
- 20 m
- 36 cm³
- 9.2
- 1
- no
- true
- bathroom

Wednesday

- £2.00
- 8 200 000
- $\frac{5}{6}$
- 7092 mL
- 15 km/hr
- $\frac{49}{5}$
- 3
- +4
- 55p
- Teacher check
- $\frac{43}{8}$
- metre stick
- 6

- 0.875
- 70
- $a = l \times w$
- 48 cm³
- 1%, 0.1, $\frac{5}{10}$, 0.99
- Teacher check
- Teacher check

Thursday

- 1 in 7
- 17
- acute
- 10.008
- 3
- 0.625
- 5 000 005
- 4.25
- 4200
- 
- 8:24 or 1:3
- 6.03 m
- 5.8
- 40°
- 12.547
- kitchen
- 130 000
- 1 100 m²
- 160 m
- 5

Friday Test page 97


- 1 000 000
- $\frac{5}{6}$
- 91
- 55°
- 
- reflex
- 96 000
- 120
- 4
- 7
- 25.092
- $l \times w$
- bathroom
- 35p
- 81
- +4
- 60
- 2.075 m
- 40 mm
- £5.00
- 1500 m²
- 5.025
- 4
- 15 km/hr
- 60 cm³

WEEK 33 pages 66 – 67

Monday

- 1 300 000
- 3
- new line = 4 cm
- yes
- kitchen
- 5.004
- $\frac{1}{8}$
- 81
- 0%
- 9
- 100 000
- Teacher check
- Teacher check
- 0.8
- 54 cm³
- 350 m²
- 88 m
- £12.00
- 15.04
- 7205 g

Tuesday

- £10.00
- 35 m²
- 8, 12, 6
- 6 090 000
- 87 000
- 14.972
- 5
- 21
- 
- trundle wheel
- $\frac{1}{4}$
- 50%
- £45.00
- 48 cm³
- Teacher check
- 1000
- $5\frac{1}{2}$
- £30.00
- 107 cm
- $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$

Wednesday

- 2 750 000
- 21.588
- 5
- $4\frac{1}{2}$
- 15 mm
- 5 hours
- no
- kitchen
- $\frac{1}{8}$
- 36 cm³
- 11, 13, 17 and 19
- £120.00
- 41
- 8005 mm


NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

15. true
16. 8
17. 11
18. 0.1 m
19. 9
20. 7

Thursday

1. 36 cm
2. 0.6
3. bathroom
4. 3 050 000
5. 3.055
6. $\frac{3}{8}$
7. 5
8. 255 000
9. 100%
10. £35.00
11. 4
12. 12.544
13. 1 000 000
14. reflex
15. 12 minutes
16. no
17. true
18. ruler
19. 1
20. Teacher check

Friday Test page 98

1. 36 minutes
2. 4
3. 3 200 000
4. no
5. kitchen
6. 7.025
7. $\frac{1}{8}$
8. Teacher check
9. Teacher check
10. 3%, 0.3, 51%, $8\frac{1}{2}$
11. 42 cm³
12. 20.36
13. 203 cm
14. £6.00
15. 9
16. 8, 12, 6
17. ruler
18. 34
19. 45 mm
20. 5000
21. 
22. 16.509
23. Teacher check
24. $\frac{1}{3}$, $\frac{1}{2}$, $\frac{4}{6}$, $\frac{8}{9}$
25. +3

WEEK 34 pages 68 – 69

Monday

1. $\frac{2}{3}$
2. 7
3. 2 x r
4. 8.3
5. $1\frac{2}{5}$
6. $\frac{3}{8}$
7. 2080 000
8. 81 000
9. 50%
10. 25 cm
11. 15
12. 64
13. trapezium
14. 32 cm³
15. thousandths
16. £12.00
17. 12 m²
18. trundle wheel
19. 9380 m
20. 10

Tuesday


1. 6
2. 6 m³
3. kitchen
4. $2\frac{1}{3}$
5. 2 800 000
6. $\frac{1}{8}$
7. 48 cm²
8. 140 mm
9. £14.00
10. 10 mm
11. thousandths
12. 121
13. 5000 mL
14. 45°
15. 1 500 000
16. 2, 3, 4
17. 18 000
18. 7720 kg
19. 2
20. 6.4

Wednesday


1. 6 057 000
2. 5
3. $3\frac{4}{5}$
4. 2 x r
5. 135 mm
6. $\frac{1}{10}$
7. 19.051
8. 2 m
9. 6:1
10. 10 mm
11. 0.004
12. 100 mL
13. 40
14. 360°

15. 0.1
16. 24 m²
17. 2
18. Teacher check
19. 2000 m²
20. 240 m

Thursday

1. 9
2. 6 m²
3. 6 mm
4. bathroom
5. 10 650 000
6. $\frac{1}{3}$
7. 2
8. 4.025
9. $\frac{1}{5}$
10. 
11. 100%
12. 5 thousandths
13. 40 cm³
14. 45°
15. 6000 mm
16. 4
17. Teacher check
18. Teacher check
19. £3.00
20. 18.368

Friday Test page 98

1. 4 730 000
2. 9
3. 5
4. 10 mm
5. 48 cm³
6. 2 x r
7. 10
8. 5.002
9. $\frac{1}{10}$
10. thousandths
11. Teacher check
12. 121
13. 96 cm²
14. 75°
15. £18.00
16. 60
17. $\frac{9}{4} = 2\frac{1}{4}$
18. 100 mL
19. 
20. 2, 3, 4
21. 21.599
22. 3 min 20 sec
23. 360°
24. 50 m²
25. Teacher check

WEEK 35 pages 70 – 71


Monday

1. 5000 mL
2. $1\frac{1}{4}$
3. 36 mm
4. tail
5. 11
6. l x w
7. $\frac{1}{5}$
8. 100%
9. 130°
10. 64 cm³
11. 2
12. 80 980
13. trapezium
14. true
15. 0.06
16. 0.4
17. 24
18. £3.00
19. Teacher check
20. Teacher check

Tuesday

1. true
2. 270°
3. 60 270
4. $\frac{67}{8}$
5. 6.8
6. head
7. 8030 mm
8. £90.00
9. 16 mm
10. £72.00
11. 8
12. 0.09
13. 
14. 0.09
15. 7.007
16. March
17. April
18. June
19. 7 or 8
20. April

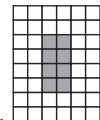
Wednesday


1. $4\frac{1}{2}$
2. false
3. 9
4. 2 x r
5. 44 mm
6. $\frac{1}{10}$
7. Teacher check
8. 80°
9. 11 p.m.
10. 100 mL
11. 8.97
12. 
13. 52 400

14. 30%
15. 4040 g
16. 9.0
17. head, tail, tail
18. £40.00
19. 3.5
20. 5 km

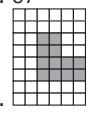

Thursday

1. 500 000
2. 101 mm
3. 1000 mL
4. false
5. 151
6. 4
7. 9.099
8. $\frac{2}{5}$
9. 96 cm³
10. 7 mm
11. £90.00
12. £21.00
13. 2.7



14. 
15. $1\frac{3}{5}$
16. 70%
17. 7050 mL
18. 12
19. 6.4
20. 10 km

Friday Test page 99

1. 100 mL
2. $\frac{2}{5}$
3. 2360 g
4. 13
5. 40%
6. 10 mm
7. head, tail, tail
8. false
9. 8
10. 12.30 a.m.
11. l x w
12. 50%
13. 80 cm³
14. 40
15. 90 450
16. 37
17. 
18. 2.349
19. 
20. 81
21. 5.2
22. 4 km
23. £31.50
24. 12
25. 1.6

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

WEEK 36 pages 72 – 73

Monday

- 5000 mL
- 1.5
- 5
- 155
- 2780
- 0.904 t
- $\frac{2}{5}$
- Teacher check
- 40 cm³
- 2%, 0.05, 0.3
- 0.4
- Teacher check
- 25 m²
- £1.80
- $\frac{5}{6}$
- cm
- Teacher check
- 4
- 180°
- 30:40 or 3:4

Tuesday

- +1 hour
- 5
- 5
- 9
- 1.85 m
- l x w
- $\frac{3}{10}$
- 50%
- 30:40 or 3:4
- 6.035
- 0.8
- kg
- Teacher check
- 0.3, 20%, 0.11
- 60 m²
- 30 cm
- 702 045
- 0.2, 0.25, 0.75, 0.8
- $\frac{2}{3}$
- £40.50

Wednesday

- 9
- $12\frac{1}{3}$
- 7
- $\frac{2}{10}$
- 0%
- 9
- head, tail, tail
- 30 cm³
- 70 049
- £3.00
- 3.91
- Teacher check
- 3600 m²
- 340 m

- t
- 50
- yes
- 8 km
- $\frac{3}{4}$
- x 2 / double

Thursday

- $5\frac{1}{5}$
- 5000 mL
- Teacher check
- Teacher check
- 7
- 2 x r
- 0.909 km
- $\frac{1}{5}$
- 9.002
- £28.00
- m
- 7.699
- 8
- yes
- 25%
- $\frac{3}{8}$
- 4
- $3\frac{4}{5}$
- 5
- 3 km

Friday Test page 99


- +1 hour
- $\frac{1}{2}$
- 7
- $\frac{1}{5}$
- 50%
- 50 cm³
- 2.07 m
- cm
- 2
- $7\frac{1}{2}$
- 3
- 9
- 60 cm
- 1000 mL
- £12.00
- Teacher check
- 2 x r
- 2.1, 0.32, 15%
- 7.003
- 6 km
- g
- 0.5
- 40:80 or 1:2
- 50 m²
- 107 520

WEEK 37 pages 74 – 75


Monday

- 30 mm
- mL
- 100%
- 13
- $\frac{2}{10}$
- 40 cm³
- rhombus
- 0.8
- 58
- 62 405
- £30.00
- m
- 14 073
- 2 x r
- 6
- $\frac{10}{3}$
- g
- 50
- 5, 9, 6
- square-based pyramid

Tuesday

- true
- 50%
- 14 mm
- 5.6
- 500 000 000
- 
- triangle
- $\frac{4}{10}$
- 30 cm³
- 61 006
- $6\frac{1}{3}$ g
- 19 356 g
- kg
- 6.2
- 0.2
- 45 mm
- 3
- 7 km
- 6
- 12

Wednesday


- 12.051 L
- 12
- $6\frac{1}{10}$
- 74 090
- £35.00
- true
- l x w
- 10
- true
- 
- litres
- 15°
- $\frac{2}{5}$

- +1 hour
- 0.01
- $\frac{3}{4}$
- 2
- 33%
- 48 cm²
- rectangle

Thursday

- mL
- 4
- $\frac{2}{10}$
- £6.00
- mm
- 7
- 180°
- no
- 125
- true
- 33
- 24 m²
- 26 m
- 325%
- 11.3
- 32.8
- 12, 14, 15, 16, 18 and 20
- 0.4 t
- 3 400 000
- 5

Friday Test page 100

- 8.14
- mL
- 4.8
- 60 cm³
- 90 603
- 10:320 or 1:32
- 13
- cm
- 2 x r
- 0
- 320%

- 40 mm
- 100%
- $\frac{2}{10}$
- £12.00
- 1200 mm
- g
- $3\frac{1}{2}$
- 7 050 000
- $\frac{6}{9}$
- no
- 10
- 116 m²
- 50 m

WEEK 38 pages 76 – 77

Monday

- 10
- 48
- 0.06 m
- mL
- 100 000
- $\frac{1}{10}$
- 8
- 4.9
- 5
- 3.6
- £14.00
- km
- 24 300
- 40 m²
- 0.75
- t
- octahedron
- 6
- £95
- 20

Tuesday

- 4
- 0
- 2.86
- 4890 m
- square
- 9
- $\frac{1}{4}$
- 17.5 m²
- 10 000
- l x w
- true
- 8
- 1
- 7
- 11
- 3 kg
- 9
- < 30 kg
- > 45 kg

Wednesday

- 1000
- litres
- 5
- 6.83
- 1 000 000
- 84
- $\frac{3}{10}$
- £3.00
- 1
- 2.35
- cm
- 2020 m
- 60°
- 0

NEW WAVE MENTAL MATHS Year 6/Primary 7 Ext. Book – Answers

15. -3
16. 9 cm
17. 6 m²
18. 12.4 m
19. 8
20. 4300 m

Thursday

1. $\frac{2}{5}$
2. 10 000
3. 63 m²
4. 44 m
5. false
6. 13
7. 5.02
8. 10 000
9. 145°
10. 7
11. 2 x r
12. g
13. 90°
14. 10
15. square
16. $4\frac{2}{3}$
17. 8
18. 6
19. 40
20. 8

Friday Test page 100

1. 9
2. 8 cm
3. 0
4. 23
5. 9
6. 4.73
7. 100 000
8. t
9. £18.00
10. 30°
11. $\frac{33}{6}$
12. mL
13. mm
14. 7
15. 20
16. 200 mm
17. $\frac{1}{4}$
18. octahedron
19. l x w
20. true
21. 850 L
22. 1.5 m²
23. 90°
24. 10 000
25. pentagon

WEEK 39 pages 78 – 79

Monday

1. 5
2. false
3. 45 mm
4. 12.57
5. 3, 0, 0
6. $\frac{3}{4}$
7. 0.75
8. 0.407
9. 25
10. 42.5 km
11. $2\frac{3}{7}$
12. 0.04
13. mL
14. £21.00
15. 8.15 a.m.
16. 54 km
17. m
18. £75.00
19. 200
20. 25.438

Tuesday

1. true
2. 36
3. 70%
4. kg
5. 29 m
6. 4 mm
7. 0.12
8. $\frac{3}{10}$
9. 14
10. 60°
11. equilateral
12. 0.245
13. -8
14. 0.27
15. 0.27
16. 50 km
17. $\frac{300}{1}$, 337, 996
18. 33 cm²
19. 34 cm
20. head or tail

Wednesday

1. 1
2. 3
3. 75%
4. 165 cm
5. 0.75
6. false
7. 150
8. acute
9. 1, 2, 3, 4, 5 or 6
10. 5.91
11. 5 mm
12. -4
13. 0.84
14. 5

15. +
16. Teacher check
17. km
18. false
19. 121
20. 50%

Thursday

1. $\frac{1}{4}$
2. 120°
3. litres
4. 10
5. 72 mm
6. £1.80
7. g
8. 144
9. 0.56
10. 1
11. sphere
12. 2.15
13. 0.155
14. 0.75
15. true
16. add 3.3
17. 11, $\frac{8}{2}$, $1\frac{1}{2}$
18. 1 kg
19. 999 999
20. 2

Friday Test page 101

1. 7
2. 49
3. 10
4. 16.509
5. prism
6. mL
7. 0
8. 5250 m
9. m
10. 0.25
11. 90%
12. $\frac{2}{3}$
13. true
14. 80%
15. g
16. 0.15
17. 465
18. $\frac{5}{9}$
19. 10
20. 25%
21. $\frac{500}{1}$, 300, 251
22. 8 km
23. $3\frac{3}{4}$
24. 10
25. 45°

WEEK 40 pages 80 – 81

Monday

1. 8
2. 12
3. $\frac{2}{10}$
4. 3
5. 5.4 km
6. £12 000
7. 6.30 a.m.
8. x, +
9. cm
10. 3
11. heptagon
12. 0.24
13. 5.4
14. 1:5
15. 20
16. 36
17. Teacher check
18. 31
19. yes
20. false

Tuesday

1. 48 cm³
2. 6 500 000
3. 9
4. kg
5. Teacher check
6. £3.00
7. 45 km
8. £40.00
9. 2000
10. 8780
11. +3
12. 18.077
13. 1.45 m
14. ⤴
15. 1 minute
16. 4
17. 8000
18. 2
19. 10
20. 0.6

Wednesday

1. litres
2. £28.00
3. 25°
4. Teacher check
5. 16p
6. Teacher check
7. reflex
8. 5000
9. 10
10. 50%
11. 8 900 000
12. 0.51
13. 8.7 km
14. 28 km/hr

15. true
16. 2590
17. 4.2
18. kitchen
19. $\frac{5}{6}$
20. 60

Thursday

1. Teacher check
2. +2
3. 11
4. 8
5. $\frac{1}{10}$
6. 4.055
7. 32
8. 9
9. +5 hours
10. mL
11. octagon
12. 6
13. no
14. 180°
15. 128
16. true
17. 3920
18. $\frac{3}{4}$
19. 0.875
20. ruler

Friday Test page 101

1. 8.30 a.m.
2. 120
3. $\frac{3}{10}$
4. £24 000
5. 180°
6. 3.6
7. ⤴
8. ÷, -
9. false
10. m
11. 0.32
12. -9
13. 4:1
14. no
15. 32 cm³
16. £36.00
17. 16
18. 12
19. 150 cm
20. 4
21. 121
22. +6
23. 3 900 000
24. 25°
25. Teacher check