Whole numbers

A.1 Place values in whole numbers

A.2 Word names for numbers

A.3 Roman numerals

A.4. Add and subtract whole numbers

A.5 Add and subtract whole numbers: word problems

Multiplication

B.1 Multiply whole numbers

B.2 Multiply whole numbers: word problems

B.3 Multiply numbers ending in zeroes

B.4 Multiply numbers ending in zeroes: word problems

B.5 Multiply three or more numbers

B.6 Multiply three or more numbers: word problems

B.7 Estimate products

Division

C.1 Divisibility rules

C.2 Division patterns with zeroes

C.3 Divide numbers ending in zeroes: word problems

C.4 Estimate quotients

C.5 Divide whole numbers - two-digit divisors

Number theory

D.1 Prime or composite

D.2 Identify factors

D.3 Prime factorisation

D.4 Prime factorisation with exponents

D.5 Highest common factor

D.6 Lowest common multiple

D.7HCF and LCM: word problems

Decimals

E.1 What decimal number is illustrated?

E.2 Decimal place values

E.3 Word names for decimal numbers

E.4 Convert decimals to mixed numbers

E.5 Put decimal numbers in order

E.6 Inequalities with decimals

E.7 Round decimals

E.8 Round whole numbers and decimals: find the missing digit

E.9 Decimal number lines

Add and subtract decimals

F.1 Add and subtract decimal numbers

F.2 Add and subtract decimals: word problems

F.3 Estimate sums and differences of decimals

F.4 Maps with decimal distances

Fractions and mixed numbers

G.1 Fractions and mixed numbers

G.2 Understanding fractions: word problems

G.3 Equivalent fractions

G.4 Write fractions in lowest terms

G.5 Fractions: word problems

G.6 Lowest common denominator

G.7 Compare fractions with like and unlike denominators

G.8 Compare fractions: word problems

G.9 Convert between improper fractions and mixed numbers

G.10 Convert between decimals and fractions or mixed numbers

G.11 Put a mix of decimals, fractions and mixed numbers in order

Add and subtract fractions

H.1 Add and subtract fractions with like denominators

H.2 Add and subtract fractions with like denominators: word problems

H.3 Add and subtract fractions with unlike denominators

H.4 Add and subtract fractions with unlike denominators: word problems

H.5 Inequalities with addition and subtraction of like and unlike fractions

H.6 Add and subtract mixed numbers

H.7 Add and subtract mixed numbers: word problems

H.8 Estimate sums and differences of mixed numbers

Integers

I.1 Understanding integers

I.2 Integers on number lines

I.3 Graph integers on horizontal and vertical number lines

I.4 Compare and order integers

Operations with integers

J.1 Add integers using counters

J.2 Add integers

J.3 Subtract integers using counters

J.4 Subtract integers

J.5 Add and subtract integers: find the sign

J.6 Add and subtract integers: input/output tables

J.7 Add three or more integers

Mixed operations

K.1 Add, subtract, multiply or divide two whole numbers

K.2 Add, subtract, multiply or divide two whole numbers: word problems

K.3 Evaluate numerical expressions

K.4 Add and subtract decimals or fractions

K.5 Add and subtract decimals or fractions: word problems

K.6 Add, subtract, multiply or divide two integers

Problem solving and estimation

L.1 Estimate to solve word problems

L.2 Multi-step word problems

L.3 Word problems with extra or missing information

L.4 Guess-and-check word problems

L.5 Distance/direction to starting point

L.6 Use logical reasoning to find the order

Ratios and rates

M.1 Write a ratio

M.2 Write a ratio: word problems

M.3 Identify equivalent ratios

M.4 Write an equivalent ratio

M.5 Ratio tables

M.6 Unit rates and equivalent rates

M.7 Compare ratios: word problems

M.8 Do the ratios form a proportion?

M.9 Solve the proportion

M.10 Scale drawings: word problems

Units of measurement

N.1 Estimate metric measurements

N.2 Convert and compare metric units

N.3 Metric mixed units

N.4 Convert square and cubic units of length

N.5 Convert between cubic metres and litres

N.6 Compare temperatures above and below zero

Money

O.1 Find the number of each type of coin

O.2 Add and subtract money amounts

O.3 Add and subtract money amounts: word problems

O.4 Multiply money: word problems

O.5 Divide money amounts

O.6 Divide money amounts: word problems

Time

P.1 Elapsed time

P.2 Time units

P.3 Find start and end times

P.4 Convert between 12-hour and 24-hour time

P.5 Transportation schedules

Expressions and properties

Q.1 Write variable expressions

Q.2 Evaluate variable expressions

Q.3 Properties of addition and multiplication

Q.4 Multiply using the distributive property

Q.5 Write equivalent expressions using properties

Q.6 Properties of addition

Q.7 Properties of multiplication

Q.8 Solve for a variable using properties of multiplication

Q.9 Identify equivalent expressions

One-variable equations

R.1 Write variable equations: word problems

R.2 Solve equations using properties

R.3 Solve equations

Two-dimensional figures

S.1 Is it a polygon?

S.2 Types of angles

S.3 Measure angles with a protractor

S.4 Regular and irregular polygons

S.5 Number of sides in polygons

S.6 Classify triangles

S.7 Identify trapeziums

S.8 Classify quadrilaterals

S.9 Graph triangles and quadrilaterals

S.10 Find the unknown angle in triangles and quadrilaterals

S.11 Lines, line segments and rays

S.12 Parallel, perpendicular and intersecting lines

S.13 Parts of a circle

Symmetry and transformations

T.1 Lines of symmetry

T.2 Rotational symmetry

T.3 Reflection, rotation and translation

T.4 Identify congruent and similar figures

Constructions

U.1 Construct the midpoint or perpendicular bisector of a segment

U.2 Construct an angle bisector

U.3 Construct a perpendicular line

U.4 Construct an equilateral triangle or regular hexagon

Three-dimensional figures

V.1 Identify three-dimensional figures

V.2 Count vertices, edges and faces

V.3 Which figure is being described?

V.4 Nets of three-dimensional figures

V.5 Three-dimensional figures viewed from different perspectives

Geometric measurement

W.1 Perimeter

W.2 Area of squares and rectangles

W.3 Area of compound figures

W.4 Area between two rectangles

W.5 Area and perimeter of figures on grids

W.6 Area and perimeter: word problems

W.7 Use area and perimeter to determine cost

W.8 Volume of figures made of unit cubes

Data and graphs

X.1 Interpret pictographs

X.2 Create pictographs

X.3 Interpret stem-and-leaf plots

X.4 Create stem-and-leaf plots

X.5 Interpret line plots

X.6 Create line plots

X.7 Create frequency tables

X.8 Interpret bar graphs

X.9 Create bar graphs

X.10 Interpret histograms

X.11 Create histograms

X.12 Interpret line graphs

X.13 Create line graphs

Probability

Y.1 Combinations

Y.2 Make predictions

Y.3 Compound events - find the number of outcomes by counting