

**Number and place value**

- Reads, writes, orders and compares numbers to at least 1,000,000 and determines the value of each digit
- Interprets negative numbers in context, counts forwards and backwards with positive and negative whole numbers including through zero

Addition and subtraction

- Adds and subtracts -whole numbers with more than four digits, including using formal written methods (column addition and subtraction) -Numbers mentally with increasingly large numbers (e.g. $12,462 - 2,300 = 10,162$)

Multiplication and division

- Identifies multiples and factors including finding all factor pairs of a number and common factors of two numbers
- Solves problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes
- Solves problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates

Fractions (including decimals)

- Compares and orders fractions whose denominators are all multiples of the same number
- Reads and writes decimal numbers as fractions e.g. $0.71 = 71/100$
- Reads, writes, orders and compares numbers with up to three decimal places
- Solves problems which require knowing percentage and decimal equivalents of $1/2$, $1/4$, $1/5$, $2/5$, $4/5$ and those fractions with a denominator of a multiple of 10 or 25

Measurement

- Converts between different units of metric measure (e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- Measures and calculates the perimeter of composite rectilinear shapes in centimetres and metres
- Calculates and compares the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²)

Geometry: Properties of shape

- Draws given angles and measures them in degrees (°)
- Distinguishes between regular and irregular polygons based on reasoning about equal sides and angles

Statistics

- Completes, reads and interprets information in tables, including timetables

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