



Name \_\_\_\_\_



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# Essentials

I can read, write, order and compare:  
- numbers to 1 000 000  
- numbers with 3 decimal places

I can recognise the place value of each digit in numbers to 1 000 000

I can add and subtract whole numbers with more than 4 digits.

I can count forwards and backwards with positive and negative numbers through 0.

I can divide with a formal method:  
 $4-d \div 1-d$

I can multiply with a formal method:  
 $4-d \times 1-d$   
 $4-d \times 2-d$

I can convert between different units of metric measures.

I can compare and order fractions whose denominators are multiples.

## Number

I can round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 & 100 000

I can round decimals to nearest whole number and to 1 decimal place.

I can read Roman numerals to 1000 (M).

I can use rounding to estimate and use inverses to check.

I can identify multiples and factors, including all factor pairs and common factors.

I can identify prime numbers up to 100.

I recognise square and cube numbers and use the correct notation.

## Addition and subtraction

I can add and subtract large numbers mentally.



## Fractions, decimals & %

I use % symbol and can write percentages as fractions and decimals.

I can identify and write equivalent fractions.

I can add and subtract fractions whose denominators are multiples.

I can multiply proper fractions and mixed numbers by whole numbers.

I recognise mixed numbers and improper fractions and convert from one to the other.

## Measurements

I can measure and calculate perimeter of composite shapes.

I can calculate area of rectangles and estimate area of irregular shapes.

## Geometry

I can distinguish between regular and irregular polygons.

I can draw and measure given angles.

I can identify and describe the position of a shape after a reflection or translation.

I can identify 3-d shapes from 2-d representations (nets)

I can identify angles at a point and angles on a straight line.

## Statistics

I can complete, read and interpret information in tables, including timetables.

I can interpret line graphs.

## Multiplication and division

I can  $\times$  and  $\div$  by 10, 100 and 1000.