

Ladder 13

I can recognise the information that I need to solve a range of problems or investigations.

I can check my results to see if they are sensible.

I use symbols, words and diagrams to organise my work systematically.

I can identify patterns and explain why I chose to use particular methods and found solutions.

I can multiply and divide whole numbers by 10, 100 and 1000.

I can solve problems involving ordering, adding or subtracting negative numbers.

I can convert between fractions, decimals and percentages.

I can order decimals that have a mixture of one, two or three decimal places.

I can calculate number bonds to 100 with decimal numbers.

I can multiply a 2-digit number by any 1-digit number.

I can use rounding to find an estimate

I understand the meaning of formulae such as ' $n - 2$ ' means '2 less than a given number'.

I can describe a wide range of properties of 2-D and 3-D shapes, including 'parallel' and 'perpendicular'.

I can calculate the 'missing' angle on a straight line or clock face.

I can find all lines of symmetry in shapes and diagrams and reflect shapes that either do not touch, or do cross, an oblique mirror line.

I can visualise a 3-D shape from its net and say which vertices will be joined.

When drawing shapes, I can accurately draw angles to 2 degrees and use mathematical vocabulary to describe them.

I can make sensible estimates of a range of measures in everyday situations.

I can read labelled divisions and scales on a range of measuring instruments.

I can read timetables and time using a 24-hour clock

I can ask questions, plan how to answer them and collect the data I need.

I can understand and use the probability scale from 0 to 1.

I can read between labelled divisions on a scale to answer questions and I can describe sets of results using mode, median or mean.

I can complete and interpret graphs and diagrams such as a two-way table, bar graphs with grouped data, simple pie charts.