



KEY FOCUS: NUMBERS TO AT LEAST 1,000,000

Autumn1

Know by heart facts for all multiplication tables up to 12×12

Find pairs of numbers with a sum of 100, decimals with a sum of 0.1, 1 or 10

To derive related facts from those already known (e.g. 4×0.8 linked to 4×8 or $3 + 7 = 10$ linked to $0.3 + 0.7 = 1$)

Mentally multiply and divide two-digit and single-digit numbers

Use partitioning to double or halve any number

Mentally multiply and divide pairs of multiples of 10 and 100

Mentally multiply and divide two-digit decimals by a single digit number, e.g., ($U.t \times U$ or $U.t \div U$)

Read and write any integer and use decimal notation for tenths, hundredths and thousandths and know what each digit represents

Order and compare whole numbers up to 1 000 000, negative numbers and decimals

Count forwards and backwards in steps of 0.001, 0.01, 0.1, 1, 10, 100, 1000, 25, 2.5, 0.2, 0.25 from any positive or negative integer or decimal

Multiply and divide whole numbers and decimals mentally by 10 or 100, and integers by 1000 and use this to convert between units of measurement, e.g. cm to m, g to kg etc.

Round whole numbers to the nearest 10, 100, 1000 or a number with up to three decimal places to the nearest integer or number of decimal places

Count in fraction steps and convert equivalent fractions (e.g. count in steps of ...converting to , , , , , ...).

Autumn 2

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Recall and use addition and subtraction facts for 1 (with decimal numbers to two decimal places).

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Identify the multiples/factors of given numbers

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Compare and order two or more different positive and/or negative integers and/or decimal numbers with up to 3 decimal places, say which is the least / greatest ;use the symbols $<$ and $=$ correctly and place on a number line.

Calculate differences in temperature, including those that involve a positive and negative temperature

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