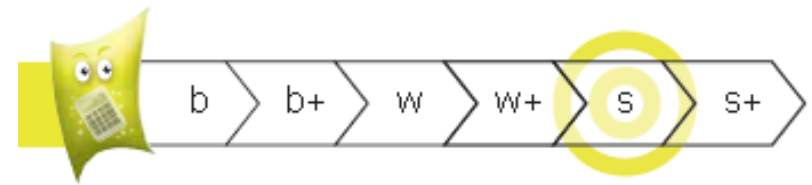


Maths - Band 4



Number & Place Value

| | |
|--|---|
| <p>I can count in multiples of 6, 7, 9, 25 and 1000.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | <p>I can solve number and practical problems that involve large positive numbers.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can find 1000 more or less than a given number.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | <p>I can read Roman numerals up to 100 and know that the number system has changed to include 0 and place value.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can count backwards through 0 to include negative numbers.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |
| <p>I can recognise the place value of each digit of a 4 digit number (thousands, hundreds, tens and units).</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |
| <p>I can order and compare numbers beyond 1000.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |
| <p>I can identify, represent and estimate numbers using different representations including measures.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |
| <p>I can round numbers to the nearest 10, 100 or 1000.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |

Addition & Subtraction

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|--|
| <p>I can add and subtract numbers with up to four digits using formal column methods.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can use estimating and inverse operations to check my answers.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can solve two step addition and subtraction problems, using different methods, and explain why I used them.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |

Multiplication & Division

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|--|
| <p>I can recall times tables facts up to 12 x 12.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can use place value and number facts to multiply and divide mentally, including multiplying by 1 and 0, dividing by 1, and multiplying together 3 numbers.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can use factor pairs in mental calculations.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can solve problems involving addition, subtraction, multiplication and division, and a combination of these, including understanding the meaning of the equals sign.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can solve problems involving multiplication and addition, including using the distributive law e.g. $3 \times (12 + 14) = 3 \times 12 + 3 \times 14$.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |

Fractions

| | |
|---|---|
| <p>I can recognise and show, using diagrams, families of common equivalent fractions.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | <p>I can divide one and two digit numbers by 10 and 100 and can explain the effect this has on place value.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can count up and down in hundredths and know that dividing an object by 100 creates hundredths as does dividing tenths by ten.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | <p>I can round decimals using tenths to the nearest whole number.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can solve problems involving fractions to calculate quantities and fractions to divide quantities.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | <p>I can compare numbers with the same number of decimal places (up to two decimal places).</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can add and subtract fractions with the same denominator.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | <p>I can solve simple money and measure problems involving fractions and decimals up to two decimal places.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> |
| <p>I can find and write decimal equivalents using tenths and hundredths.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |
| <p>I can find and write decimal equivalents of $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.</p> <p>Beginning <input type="checkbox"/> End <input type="checkbox"/></p> | |

Measurement

I can convert different units of measurement e.g. I can convert kilometres into metres or hours into minutes.

Beginning End

I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

Beginning End

I can find the area of rectilinear shapes by counting squares.

Beginning End

I can estimate, compare and calculate different measures, including money in pounds and pence.

Beginning End

I can read, write and compare time between analogue and digital 12-hour and 24-hour clocks.

Beginning End

I can solve problems where I need to convert units of time, such as hours to minutes, minutes to seconds, years to months or weeks to days.

Beginning End

Properties of Shape

I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.

Beginning End

I can identify acute and obtuse angles. I can compare and order angles up to two right angles by size.

Beginning End

I can identify lines of symmetry in 2-D shapes presented in different orientations.

Beginning End

I can complete a simple symmetric figure with respect to a specific line of symmetry.

Beginning End

I can recognise where angles are greater than two right angles. I know the term straight angle refers to two right angles together.

Beginning End

I can use line symmetry with two lines of symmetry.

Beginning End

Position & Direction

I can plot positions on a 2-D grid as positive number coordinates.

Beginning End

I can describe movements between positions as translations of a given unit to the left/right and up/down.

Beginning End

I can plot points I am given and draw sides to complete a given polygon.

Beginning End

Statistics

I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

Beginning End

I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Beginning End

