



Year 4 Maths

Number and Place Value

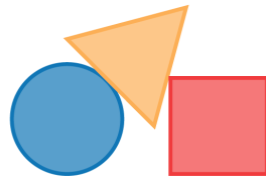
- ✓ I can count in multiples of 6, 7, 9, 25 and 1000.
- ✓ I can find 1000 more or less than a given number.
- ✓ I can count backwards through 0 to include negative numbers.
- ✓ I can recognise the place value of each digit of a 4 digit number (thousands, hundreds, tens and units).
- ✓ I can order and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

Multiplication and Division

- ✓ I can recall times tables facts up to 12×12 .
- ✓ I can use factor pairs in mental calculations.
- ✓ 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.
- ✓ I can multiply two digit and three digit numbers by a one digit number using a formal written method.
- ✓ I can solve problems involving multiplication and addition, including using the distributive law e.g. $3 \times (12 + 14) = 3 \times 12 + 3 \times 14$.

Fractions

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



Properties of Shape

- ✓ I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
- ✓ I can identify acute and obtuse angles. I can compare and order angles up to two right angles by size.
- ✓ I can identify lines of symmetry in 2-D shapes presented in different orientations.
- ✓ I can complete a simple symmetric figure with respect to a specific line of symmetry.
- ✓ I can recognise where angles are greater than two right angles. I know the term straight angle refers to two right angles together.
- ✓ I can use line symmetry with two lines of symmetry.

Statistics

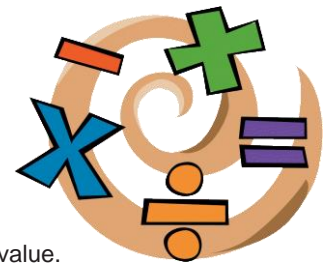
- ✓ I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- ✓ I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Addition and Subtraction

- ✓ I can add and subtract numbers with up to four digits using formal column methods.
- ✓ I can use estimating and inverse operations to check my answers.
- ✓ I can solve two step addition and subtraction problems, using different methods and explain why I used them.

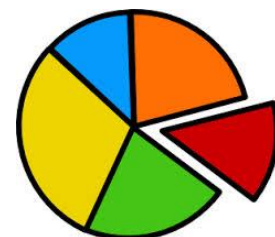
Position and Direction

- ✓ I can plot positions on a 2-D grid as positive number coordinates.
- ✓ I can describe movements between positions as translations of a given unit to the left/right and up/down.
- ✓ I can plot points I am given and draw sides to complete a given polygon.



Measurement

- ✓ I can convert different units of measurement e.g. I can convert kilometres into metres or hours into minutes.
- ✓ I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.
- ✓ I can find the area of rectilinear shapes by counting squares.
- ✓ I can estimate, compare and calculate different measures, including money in pounds and pence.
- ✓ I can read, write and compare time between analogue and digital 12-hour and 24-hour clocks.
- ✓ 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.





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