



Number and Place Value

Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward.

I can count forward and backwards in jumps of 2, 3 and 5 from 0 and in 10s from any number.

Recognise the place value of each digit in a two-digit number (tens, ones).

I can find the place value of each digit of a number with tens and units.

Identify, represent and estimate numbers using different representations, including the number line.

I can find and show numbers using different ways of showing them such as number lines and number squares.

Compare and order numbers from 0 up to 100; use <, > and = signs.

I can compare and order numbers from 0 to 100 using <, > and =.

Read and write numbers up to at least 100 in numerals.

I can read and write numbers up to 100 in numbers.

Read and write numbers up to at least 100 in in words.

I can read and write numbers up to 100 in words.

Use place value and number facts to solve problems.

I can use place value and number facts to answer questions.

Addition and Subtraction

Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures.

I can solve problems with addition and subtraction, including those involving numbers, quantities and measures by using objects or pictures.

Solve problems with addition and subtraction, applying his/her increasing knowledge of mental and written methods.

I can answer simple addition and subtraction questions in my head as well as by writing them down.

Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

I can use addition and subtraction facts to 20 quickly and work out similar facts to 100.

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones.

I can add and subtract a two digit number and a one digit number mentally and when using objects, number lines and pictures.

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and tens.

I can add and subtract a two digit number and tens mentally and when using objects, number lines and pictures.

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including two two-digit numbers.

I can add and subtract 2 two digit numbers mentally and when using objects, number lines and pictures.

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including adding three one-digit numbers.

I can add and subtract 3 one digit numbers mentally and when using objects, number lines and pictures.

Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.

I can show that adding 2 numbers can be done in any order but subtraction cannot.

Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

I can show that subtraction is the opposite of addition and use this to check my work.

Multiplication and Division

Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.

I can remember and use multiplication and division facts for the 2, 5 and 10 times tables and recognise odd and even numbers.

Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals ($=$) signs.

I can answer multiplication and division problems within the tables using $\times$, $\div$ and $=$.

Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

I can show that multiplying 2 numbers can be done in any order but division cannot.

Solve problems involving multiplication and division, using concrete materials and mental methods.

I can answer questions involving multiplication and division mentally and with objects.

Solve problems involving multiplication and division using arrays, repeated addition and multiplication and division facts, including problems in contexts.

I can answer questions involving multiplication and division using arrays and repeated addition.

Fractions

Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.

I can find, name and write fractions of a length, shape, set of objects or amount, including $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, and $\frac{3}{4}$.

Write simple fractions for example, $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

I can write simple fractions facts such as $\frac{1}{2}$ of $6 = 3$ and $\frac{2}{4} = \frac{1}{2}$.

Properties of Shape

Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.

I can notice and explain the properties of 2-D shapes e.g. the number of sides and line symmetry.

Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.

I can notice and explain the properties of 3-D shapes e.g. the number of edges, vertices and faces.

Identify 2-D shapes on the surface of 3-D shapes e.g. a circle on a cylinder and a triangle on a pyramid.

I can spot 2-D shapes on the surface of 3-D shapes such as a circle on a cylinder and a triangle on a pyramid.

Compare and sort common 2-D and 3-D shapes and everyday objects.

I can compare and sort common 2-D and 3-D shapes and everyday objects.

Position and Direction

Order and arrange combinations of mathematical objects in patterns and sequences.

I can order mathematical objects in patterns and sequences.

Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

I can use mathematical vocabulary to describe position, direction and movement. This could include movement in a straight line.

Measurement

Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml), to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

I can choose the right units to measure length, height, mass, temperature or capacity. I can read to the nearest unit and do this on rulers or scales.

Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.

I can compare amounts using these signs: $>$, $<$ or $=$.

Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.

I can use the £ sign and p sign. I can use notes and coins to make a particular amount.

Find different combinations of coins that equal the same amounts of money.

I can find different ways for coins to add up to an amount.

Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

I can add and subtract money and give change.

Compare and sequence intervals of time.

I can put different events in order and compare them.

Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.

I can tell the time to 5 minutes. I can tell when it is quarter past or quarter to an hour. I can draw these on a clock.

Remember the number of minutes in an hour and the number of hours in a day.

I can tell you how many minutes are in an hour and how many hours are in a day.

Statistics

Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.

I can read and draw simple pictograms, tally charts, block diagrams and simple tables.

Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.

I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.

Ask and answer questions about totalling and comparing categorical data.

I can ask and answer questions about totalling and comparing grouped data.

