

UNIT	Maths topic	Learning objectives/expected outcomes	NC programmes of study
1	Number and place value (1)	<ul style="list-style-type: none"> • Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • Explain what each digit represents in whole numbers and decimals with up to two places, and partition, round and order these numbers • Use understanding of place value to multiply and divide whole numbers and decimals by 10, and 100 <p><i>I can say the value of each digit in a number, including decimals</i></p> <p><i>I can put a set of decimal numbers in order</i></p> <p><i>I can round decimals to the nearest whole number and tenth</i></p> <p><i>I can multiply or divide a whole number or decimal by 10 and 100</i></p> <p><i>I can use decimals to record measurements and money</i></p>	<ul style="list-style-type: none"> • read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 • solve number problems and practical problems that involve all of the above • recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents • round decimals with two decimal places to the nearest whole number and to one decimal place • read, write, order and compare numbers with up to three decimal places • solve problems involving number up to three decimal places • multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

<p>2</p>	<p>Addition and subtraction (1)</p>	<ul style="list-style-type: none"> • Use knowledge of place value and addition and subtraction of two-digit numbers to mentally calculate sums and differences of larger numbers and decimals • Use efficient written methods to add and subtract whole numbers with more than four digits and decimals with up to two places • Add and subtract units of measure (e.g. length, mass, volume, money) using decimal notation <p><i>I can work out mentally sums and differences of decimals with two digits</i></p> <p><i>I can explain each step when I write addition and subtraction calculations in columns</i></p> <p><i>I can add different measures that include tenths</i></p>	<ul style="list-style-type: none"> • add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) • add and subtract numbers mentally with increasingly large numbers • use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy • solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • use all four operations to solve problems involving measure using decimal notation including scaling
<p>3</p>	<p>Geometry (1)</p>	<ul style="list-style-type: none"> • Identify, visualise and describe properties of rectangles, triangles, regular polygons and 3-D solids • Use an angle measurer or protractor to a suitable degree of accuracy • Know angles are measured in degrees; 	<ul style="list-style-type: none"> • identify 3-D shapes, including cubes and other cuboids, from 2-D representations • know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles • draw given angles, and measure them in degrees • identify:

		<p>estimate and measure them and draw a given angle, writing its size in degrees ($^{\circ}$)</p> <ul style="list-style-type: none"> • Complete patterns with up to two lines of symmetry • Read and plot coordinates in the first quadrant <p><i>I can sort shapes according to their properties and explain how I sorted them</i></p> <p><i>I can describe the important features of shapes such as rectangles</i></p> <p><i>I can complete a pattern with one or two lines of symmetry</i></p> <p><i>I can use a protractor to measure an angle in degrees</i></p> <p><i>I can read and plot coordinates to make shapes</i></p>	<ul style="list-style-type: none"> - angles at a point and one whole turn (total 360°) - angles at a point on a straight line and a $\frac{1}{2}$ turn (total 180°) - other multiples of 90° <ul style="list-style-type: none"> • use the properties of rectangles to deduce related facts and find missing lengths and angles • distinguish between regular and irregular polygons based on reasoning about equal sides and angles • identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed
<p>4</p>	<p>Measures (1)</p>	<ul style="list-style-type: none"> • Read, choose, use and record standard metric units to estimate and measure length, weight and capacity to a suitable degree of accuracy • Convert between different units of measure (e.g. kilometre and metre; metre and centimetre; centimetre and millimetre; 	<ul style="list-style-type: none"> • convert between different units of metric measure • measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres

		<p>kilogram and gram; litre and millilitre)</p> <ul style="list-style-type: none"> • Interpret a reading that lies between two unnumbered divisions on a scale • Draw and measure lines to the nearest millimetre • Measure and calculate the perimeter of rectangles <p><i>I can find the value of each interval on a scale so that I can read measurements accurately</i></p> <p><i>I can measure using appropriate measuring instruments.</i></p> <p><i>I can choose appropriate units to measure</i></p> <p><i>I can use a formula to work out the perimeter of a rectangle</i></p>	
<p>5</p>	<p>Multiplication and division (1)</p>	<ul style="list-style-type: none"> • Recall quickly multiplication and division facts up to 12×12 and use them to multiply and divide pairs of multiples of 10 and 100 • Multiply a three-digit number by a one-digit number using an efficient written method 	<ul style="list-style-type: none"> • solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes • multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

		<ul style="list-style-type: none"> • Divide a three-digit number by a one-digit number using the efficient written method of short division and interpret remainders appropriately for the context <p><i>I know my tables to 12 for multiplication facts and division facts and can use these facts to multiply multiples of 10 and 100.</i></p> <p><i>I can use different mental strategies for multiplication and division depending on the numbers involved.</i></p> <p><i>I can use an efficient written method to multiply a three-digit number by a one-digit number</i></p> <p><i>I can use an efficient written method to divide a three-digit number by a one-digit number</i></p> <p><i>I can explain each step of my calculation</i></p>	<ul style="list-style-type: none"> • multiply and divide numbers mentally drawing upon known facts • divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context • solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign • solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates • use all four operations to solve problems involving measure using decimal notation including scaling
<p>6</p>	<p>Fractions, decimals and percentages (1)</p>	<ul style="list-style-type: none"> • Find simple fractions of numbers and quantities • Express a smaller whole number as a fraction of a larger one (e.g. recognise that 5 out of 8 is $\frac{5}{8}$) • Find and explore patterns of equivalent fractions 	<ul style="list-style-type: none"> • compare and order fractions whose denominators are all multiples of the same number • identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths • recognise mixed numbers and improper fractions and convert from one form to the other and write

		<ul style="list-style-type: none"> Recognise the per cent symbol (%) and understand that it relates to 'number of parts per hundred' Know percentage and decimal equivalents of fractions with a denominator of a multiple of 100 <p><i>I can explain how I know that two fractions are equivalent</i></p> <p><i>I can find fractions of numbers using division</i></p> <p><i>I know that 'per cent' means 'parts in every 100', so 1% = 1/100</i></p> <p><i>I can write the percentage and decimal that is the same as 35/100</i></p>	<p>mathematical statements > 1 as a mixed number</p> <ul style="list-style-type: none"> read and write decimal numbers as fractions recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred' and write percentages as a fraction with denominator hundred, and as a decimal fraction solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those with a denominator of a multiple of 10 or 25.
<p>7</p>	<p>Patterns and number (1)</p>	<ul style="list-style-type: none"> Count from any given number in whole-number and decimal steps, extending beyond zero when counting backwards Recognise and describe linear number sequences, including those involving fractions and decimals Read Roman numerals to 1000 (M) 	<ul style="list-style-type: none"> count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero read Roman numerals to 1000 (M) and recognise years written in Roman numerals

		<ul style="list-style-type: none"> Identify multiples and factors, including finding all factor pairs Know and use the vocabulary of prime numbers and establish whether a number up to 20 is prime Recognise and use square numbers and the notation for squared <p><i>I can find missing numbers in a sequence that includes negative numbers</i></p> <p><i>I can count in decimal steps to create a sequence</i></p> <p><i>I can find the factors of different numbers</i></p> <p><i>I can work out if a number is a prime number</i></p> <p><i>I can read Roman numerals to M</i></p> <p><i>I can explain what square numbers are</i></p>	<ul style="list-style-type: none"> identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers establish whether a number up to 100 is prime and recall prime numbers up to 19 recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)
<p>8</p>	<p>Addition and subtraction (2)</p>	<ul style="list-style-type: none"> Use knowledge of place value and addition and subtraction of two-digit numbers to mentally calculate sums and differences of larger numbers and decimals 	<ul style="list-style-type: none"> add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) add and subtract numbers mentally with increasingly

		<ul style="list-style-type: none"> • Use efficient written methods to add and subtract whole numbers with more than four digits and decimals with up to two places • Add and subtract units of measure (e.g. length, mass, volume, money) using decimal notation • Add and subtract fractions with the same denominator, writing the answer as a mixed number <p><i>I can mentally add and subtract some four-digit numbers</i></p> <p><i>I can explain each step when I write addition and subtraction calculations in columns, including decimals</i></p> <p><i>I can add and subtract fractions with the same denominator</i></p>	<p>large numbers</p> <ul style="list-style-type: none"> • use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy • solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • use all four operations to solve problems involving measure using decimal notation including scaling • add and subtract fractions with the same denominator and multiples of the same number
<p>9</p>	<p>Geometry (2)</p>	<ul style="list-style-type: none"> • Identify, visualise and describe properties of rectangles, triangles, regular polygons and 3-D solids • Use knowledge of properties to draw 2-D shapes using given dimensions and angles • Identify and draw nets of 3-D shapes 	<ul style="list-style-type: none"> • identify 3-D shapes, including cubes and other cuboids, from 2-D representations • know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles • draw given angles, and measure them in degrees • identify:

	<ul style="list-style-type: none"> • Estimate, draw and measure acute and obtuse angles • Identify, describe and represent the position of a shape following a reflection or translation • Read and plot coordinates in the first quadrant <p><i>I can say whether a triangle is equilateral, isosceles or scalene and explain how I know</i></p> <p><i>I know the important features of a cube and can use these to draw its net</i></p> <p><i>I can explain whether a shape has line symmetry and whether it has any parallel or perpendicular sides</i></p> <p><i>I can create a pattern that has two lines of symmetry</i></p> <p><i>I can estimate, measure and draw angles less than 180°</i></p> <p><i>I can recognise acute, obtuse and right angles</i></p> <p><i>I can use a grid to draw where a shape will be after it has been reflected or translated</i></p>	<ul style="list-style-type: none"> - angles at a point and one whole turn (total 360°) - angles at a point on a straight line and a turn (total 180°) - other multiples of 90° <ul style="list-style-type: none"> • use the properties of rectangles to deduce related facts and find missing lengths and angles • distinguish between regular and irregular polygons based on reasoning about equal sides and angles • identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed
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<p>10</p>	<p>Measures (2)</p>	<ul style="list-style-type: none"> • Read, choose, use and record standard metric units to estimate and measure length, weight and capacity to a suitable degree of accuracy • Convert between different units of measure • Interpret a reading that lies between two unnumbered divisions on a scale • Calculate and compare the area of squares and rectangles including using standard units and square centimetres (cm²) • Read timetables and time using 24-hour clock notation and use a calendar to calculate time intervals <p><i>I can estimate and measure length in kilometres, metres, centimetres and millimetres using appropriate measuring instruments</i></p> <p><i>I can choose and use the correct metric unit to estimate and measure capacity</i></p> <p><i>I can find the value of each interval on a scale and use this to give approximate values of readings between divisions</i></p>	<ul style="list-style-type: none"> • convert between different units of metric measure • calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes • solve problems involving converting between units of time
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<p>11</p>	<p>Multiplication and division (2)</p>	<ul style="list-style-type: none"> • Multiply and divide numbers mentally drawing upon known facts • Multiply numbers up to three digits by a one- or two-digit number using an efficient written method, including long multiplication for two-digit numbers • Divide numbers up to four digits by a one-digit number using the efficient written method of short division and interpret remainders appropriately for the context • Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates • Multiply proper fractions and mixed numbers by whole numbers <p><i>I can use different mental strategies for multiplication and division depending on the numbers involved.</i></p>	<ul style="list-style-type: none"> • solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes • multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers • multiply and divide numbers mentally drawing upon known facts • divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context • solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign • solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates • multiply proper fractions and mixed numbers by whole

		<p><i>I can use an efficient written method to multiply a two-digit number by a two-digit number</i></p> <p><i>I can use an efficient written method to divide a four-digit number by a one-digit number</i></p> <p><i>I can use materials and diagrams to multiply simple fractions by whole numbers</i></p>	<p>numbers, supported by materials and diagrams</p> <ul style="list-style-type: none"> use all four operations to solve problems involving measure using decimal notation including scaling
<p>12</p>	<p>Fractions, decimals and percentages (2)</p>	<ul style="list-style-type: none"> Find simple fractions and percentages of numbers and quantities Use equivalent fractions to compare and order fractions whose denominators are all multiples of the same number Understand percentage as the number of parts in every 100 and express tenths and hundredths as percentages Recognise mixed numbers and improper fractions and convert from one form to the other Know percentage and decimal equivalents of fractions with a denominator of a multiple of 10 <p><i>I can use division to find a fraction of a number</i></p>	<ul style="list-style-type: none"> compare and order fractions whose denominators are all multiples of the same number identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number read and write decimal numbers as fractions recognise the per cent symbol (%) and understand that per cent relates to ‘number of parts per hundred’ and write percentages as a fraction with denominator hundred, and as a decimal fraction solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25.

		<p><i>I can put $\frac{1}{2}$, $\frac{3}{5}$ and $\frac{7}{10}$ in order of size</i></p> <p><i>I know that $1\frac{1}{2}$ is the same as $\frac{3}{2}$</i></p> <p><i>I can find a simple percentage of a quantity</i></p> <p><i>I can give the decimal equivalent of a fraction such as $\frac{3}{10}$ and explain how I know</i></p> <p><i>I can give a fraction such as $\frac{7}{10}$ as a percentage</i></p>	
<p>13</p>	<p>Number and place value (2)</p>	<ul style="list-style-type: none"> • Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • Read, write, order and compare numbers with up to three decimal places • Use understanding of place value to multiply and divide whole numbers and decimals by 10, 100 or 1000 • Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents • Round decimals with two decimal places to the nearest whole number and to one decimal 	<ul style="list-style-type: none"> • read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 • solve number problems and practical problems that involve all of the above • recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents • round decimals with two decimal places to the nearest whole number and to one decimal place • read, write, order and compare numbers with up to three decimal places

		<p>place</p> <p><i>I can say the value of each digit in a number, including decimals up to thousandths</i></p> <p><i>I can put a set of decimal numbers in order</i></p> <p><i>I can round decimals to the nearest whole number, tenth and hundredth</i></p> <p><i>I can multiply or divide a whole number or decimal by 10, 100 and 1000</i></p> <p><i>I can use decimals to record measurements and money</i></p>	<ul style="list-style-type: none"> • solve problems involving number up to three decimal places • multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
14	Geometry (3)	<ul style="list-style-type: none"> • Identify, visualise and describe properties of rectangles, triangles, regular polygons • Use knowledge of properties to draw 2-D shapes using given dimensions and angles • Distinguish between regular and irregular polygons based on reasoning about equal sides and angles • Measure and compare different angles • Calculate angles at a point on a straight line 	<ul style="list-style-type: none"> • identify 3-D shapes, including cubes and other cuboids, from 2-D representations • know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles • draw given angles, and measure them in degrees • identify: <ul style="list-style-type: none"> - angles at a point and one whole turn (total 360°) - angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) - other multiples of 90°

		<ul style="list-style-type: none"> Identify, describe and represent the position of a shape following a reflection or translation Read and plot coordinates in the first quadrant <p><i>I can draw 2-D shapes with given dimensions and angles</i></p> <p><i>I can explain the difference between regular and irregular polygons</i></p> <p><i>I can draw where a shape will be after it has been reflected or translated and plot their coordinates</i></p> <p><i>I can estimate and measure angles less than 180°</i></p> <p><i>I can recognise acute, obtuse, reflex and right angles</i></p> <p><i>I can draw angles less than 180° to within 5°</i></p> <p><i>I can calculate angles on a straight line</i></p>	<ul style="list-style-type: none"> use the properties of rectangles to deduce related facts and find missing lengths and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed
<p>15</p>	<p>Patterns and number (2)</p>	<ul style="list-style-type: none"> Count from any given number in whole-number and decimal steps, extending beyond zero when counting backwards Recognise and describe linear number 	<ul style="list-style-type: none"> count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers

		<p>sequences and find the term-to-term rule</p> <ul style="list-style-type: none"> • Read Roman numerals to 1000 (M) and work out years written in Roman numerals • Identify pairs of factors of two-digit whole numbers and find common multiples • Establish whether a number up to 100 is prime and recall prime numbers up to 19 • Recognise and use square numbers and cube numbers, and the notation for squared and cubed <p><i>I can give a rule to describe a linear sequence</i></p> <p><i>I can find common multiples of different numbers</i></p> <p><i>I can find the factors of different numbers</i></p> <p><i>I know the prime numbers to 19</i></p> <p><i>I can read Roman numerals to M</i></p> <p><i>I can recognise and use square numbers and cube numbers</i></p>	<p>through zero</p> <ul style="list-style-type: none"> • read Roman numerals to 1000 (M) and recognise years written in Roman numerals • identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers • know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers • establish whether a number up to 100 is prime and recall prime numbers up to 19 • recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)
			<ul style="list-style-type: none"> • convert between different units of metric measure

16	Measures (3)	<ul style="list-style-type: none"> • Read, choose, use and record standard metric units to estimate and measure length, weight and capacity to a suitable degree of accuracy • Convert larger to smaller units using decimals to one place (e.g. change 2.6 kg to 2600 g) • Understand and use basic equivalences between metric and common imperial units and express them in approximate terms • Measure and calculate the perimeter of composite rectilinear shapes • Calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes • Recognise and estimate volume (e.g. using 1 cm³ blocks to build cubes and cuboids) and capacity (e.g. using water) • Read timetables and time using 24-hour clock notation <p><i>I can use decimal numbers to record measurements</i></p> <p><i>I can interpret a reading between two unnumbered divisions on a scale on measuring cylinders and jugs</i></p>	<ul style="list-style-type: none"> • understand and use equivalences between metric units and common imperial units such as inches, pounds and pints • measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres • calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes • estimate volume and capacity • solve problems involving converting between units of time
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<p>17</p>	<p>Multiplication and division (3)</p>	<ul style="list-style-type: none"> • Solve problems involving multiplication and division with larger numbers by decomposing them into their factors • Multiply numbers up to four digits by a one- or two-digit number using an efficient written method, including long multiplication for two-digit numbers • Divide numbers up to four digits by a one-digit number using an efficient written method of short division and interpret remainders appropriately for the context • Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates • Multiply proper fractions and mixed numbers 	<ul style="list-style-type: none"> • solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes • multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers • multiply and divide numbers mentally drawing upon known facts • divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context • solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

		<p>by whole numbers</p> <p><i>I can factorise numbers to help with mental calculations</i></p> <p><i>I can use an efficient written method to multiply a four-digit number by a one-digit number</i></p> <p><i>I can use an efficient written method to multiply a three-digit number by a two-digit number</i></p> <p><i>I can use a short division method and know when to round up or down, depending on the problem</i></p> <p><i>I can scale amounts up or down using different rates</i></p> <p><i>I can use materials and diagrams to multiply fractions and mixed numbers by whole numbers</i></p>	<ul style="list-style-type: none"> • solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates • multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams • use all four operations to solve problems involving measure using decimal notation including scaling
<p>18</p>	<p>Fractions, decimals and percentages (3)</p>	<ul style="list-style-type: none"> • Find fractions and simple percentages of numbers and quantities • Know percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25. • Use equivalent fractions to compare and order fractions whose denominators are all multiples of the same number 	<ul style="list-style-type: none"> • compare and order fractions whose denominators are all multiples of the same number • identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths • recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number

		<ul style="list-style-type: none">• Recognise mixed numbers and improper fractions and convert from one form to the other• Use sequences to scale numbers up or down and solve problems involving proportions of quantities <p><i>I can tell you what calculations I will do to find a fraction or percentage of a quantity</i></p> <p><i>I can give the decimal equivalent of a fraction such as $\frac{3}{5}$ and explain how I know</i></p> <p><i>I can give a fraction such as $\frac{1}{4}$ as a percentage</i></p> <p><i>I can explain how to use equivalent fractions to put fractions in order of size</i></p> <p><i>I know that $3\frac{1}{5}$ is the same as $\frac{16}{5}$</i></p> <p><i>I can continue a sequence such as: 'There are 3 red sweets in every 10, there are 6 red sweets in every 20'</i></p>	<ul style="list-style-type: none">• read and write decimal numbers as fractions• Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred' and write percentages as a fraction with denominator hundred, and as a decimal fraction• solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25.
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