



Place Value 1
<ul style="list-style-type: none">Explore numbers up to 10,000Read, write and represent numbers up to 10,000Compare and order numbers up to 10,000
Addition and Subtraction 1
<ul style="list-style-type: none">Add together 5-digit and 4-digit numbersSubtract a 4-digit number from a 4- or 5-digit number
Multiplication and Division 1
<ul style="list-style-type: none">Multiply a 4-digit number by a 1-digit numberMultiply a 3-digit number by a 2-digit numberMultiply a 4-digit number by a 2-digit number
Multiplication and Division 2
<ul style="list-style-type: none">Divide 4-digit numbers by 1-digit numbers no remaindersDivide 3-digit numbers by 2-digit numbers no remaindersDivide 4-digit numbers by 2-digit numbers no remainders
Fractions, Decimals and Percentages 1
<ul style="list-style-type: none">Explore the relationship between decimals and fractionsExplore the relationship between decimals and fractions greater than 1Explore the concept of thousandthsread, represent and write numbers with three decimal placesCompare and order numbers with up to three decimal places
Fractions, Decimals and Percentages 2
<ul style="list-style-type: none">Round decimals to the nearest wholeRound decimals to the nearest tenthAdd decimals within 1Subtract decimals within 1

Place value 2
<ul style="list-style-type: none">Round to the nearest 10, 100 and 1000Recognise negative numbers on vertical and horizontal number linesRead negative numbers from thermometers and temperature graphsCalculate differences between negative numbers shown on visual representations
Addition and Subtraction 2
<ul style="list-style-type: none">Use estimation to give approximate resultsUse inverse operations to check resultsSolve multi-step addition and subtraction problems
Fractions, Decimals and Percentages 3
<ul style="list-style-type: none">Find decimal complements to 1Add decimals crossing the wholeMultiply numbers with up to three decimal places by an integerDivide numbers with up to 2-decimal places by an integer
Fractions, Decimals and Percentages 4
<ul style="list-style-type: none">Explore equivalent fractionsConvert improper fractions to mixed numbersConvert mixed numbers to improper fractionsUse fractions and mixed numbers within number sequences
Measures 1
<ul style="list-style-type: none">Represent the side lengths of shapes algebraicallyMeasure perimeterCalculate perimeterCalculate the area of rectanglesUse algebra to generalise rules for finding area and perimeterCalculate the area of compound shapesEstimate the area of irregular shapesCompare the areas of rectangles and compound shapes
Measures 2
<ul style="list-style-type: none">Convert between unit of timeUse timetables to retrieve information and solve problemsSolve problems about the duration of events

Place Value 3
<ul style="list-style-type: none">Read, write and represent numbers up to 100,000Round numbers within 100,000 to the nearest 10, 100, 1000 and 10,000Count in powers of 10Compare and order numbers up to 100,000
Multiplication and Division 3
<ul style="list-style-type: none">Identify multiples of whole numbersIdentify factors of whole numbersUse related facts to calculate other multiples of 10, 100 and 1000Multiply and divide mentally from known facts
Fractions, Decimals and Percentages 5
<ul style="list-style-type: none">Add numbers with the same number of decimal placesSubtract numbers with the same number of decimal placesAdd numbers with a different number of decimal placesSubtract numbers with a different number of decimal placesAdd and subtract whole numbers and decimal numbers
Fractions, Decimals and Percentages 6
<ul style="list-style-type: none">Compare and order fractionsCompare and order fractions and mixed numbersCount in fractions
Shape 1
<ul style="list-style-type: none">Measure angles in degreesMeasure angles with a protractorDraw lines and angles accuratelyCalculate angles on a straight lineCalculate angles around a point
Shape 2
<ul style="list-style-type: none">Calculate lengths and angles in shapesRecognise regular and irregular polygonsFind missing side lengths in rectangles and compound rectilinear shapes

Multiplication and Division 2
<ul style="list-style-type: none">Multiply by 10, 100 and 1000Divide by 10, 100 and 1000
Fractions, Decimals and Percentages 7
<ul style="list-style-type: none">Describe and complete decimal sequencesMultiply decimal numbers with up to 3 decimal places by 10, 100 and 1000Divide decimal numbers with up to three decimal places by 10, 100 and 1000
Measures 2
<ul style="list-style-type: none">Convert between g and kg and m and kmConvert between ml and l and mm and mConvert between various metric unitsUse given conversions to find metric / imperial values
Fractions, Decimals and Percentages 8
<ul style="list-style-type: none">Add and subtract fractions with denominators which are multiples of each otherAdd and subtract fractions where both denominators need convertingAdd three or more fractionsAdd fractions giving a result larger than 1
Shape 3
<ul style="list-style-type: none">Reason about 3d shapesIdentify 3d shapes from 2d representations
Shape 4
<ul style="list-style-type: none">Read and plot coordinates in all four quadrantsReflect shapes on a coordinate gridReflect shapes in the x- or y-axisTranslate points and shapes in all four quadrants

Place Value 4
<ul style="list-style-type: none">Use Roman numerals up to 1000Identify a term-to-term rule of a sequence
Addition and Subtraction 3
<ul style="list-style-type: none">Use efficient mental methods to solve addition and subtraction problemsSolve multi-step addition and subtraction problems
Multiplication and Division 5
<ul style="list-style-type: none">Find common factors of two numbersIdentify prime numbers and recall the prime numbers to 19Identify square numbers and recognise the notation for 'squared'Identify cube numbers and recognise the notation for 'cubed'
Multiplication and Division 6
<ul style="list-style-type: none">Divide 4-digit numbers by 1-digit numbers with remaindersInterpret remainders in the context of a questionKnow when to round up or down after divisionKnow when to leave a remainder as a fraction or convert to a decimal
Fractions, Decimals and Percentages 9
<ul style="list-style-type: none">Add a proper fraction to a mixed number not crossing the1sAdd a proper fraction to a mixed number crossing the 1sSubtract proper fractions from mixed numbers with no need to convert the wholeSubtract proper fractions from mixed numbers where the whole needs convertingSubtract a mixed number from a mixed number with no need to convert the wholeSubtract a mixed number from a mixed number where the wholes need converting.
Fractions, Decimals and Percentages 10
<ul style="list-style-type: none">Multiply unit fractions by integersMultiply fractions by integersCalculate a fraction of an amountUse fractions as operators

Multiplication and Division 7
<ul style="list-style-type: none">Solve multiplication and division word problemsSolve calculation problems with calculations on both sides of the = sign.
Fractions, Decimals and Percentages 11
<ul style="list-style-type: none">Explore the concept of percentagesRepresent percentages as fractions and decimalsIdentify equivalent fractions, decimals and percentagesKnow percentage equivalents for half, quarters, fifths, tenths and twenty-fifths
Fractions, Decimals and Percentages 12
<ul style="list-style-type: none">Find 10% of a numberFind multiples of 10% of a numberFind 1% of a number
Measures 4
<ul style="list-style-type: none">Explore volumeCompare volumesEstimate capacity
Measures 5
<ul style="list-style-type: none">Solve problems where a unit of measure needs to be convertedSolve measures scaling problemsDraw scale diagrams
Data 1
<ul style="list-style-type: none">Read a range of two-way tables