



Place Value 1
<ul style="list-style-type: none">Represent numbers to 10 millionRound numbers up to 10 million to the nearest 100,000, 10,000, 1,000, 100, 10 and 1Solve place value problems where information is presented in different representations
Addition and Subtraction 1
<ul style="list-style-type: none">Add and subtract integersAdd and subtract decimals of different lengthsSolve problems involving all four operations, including multi-step word problems
Multiplication and Division 1
<ul style="list-style-type: none">Find factor pairs of numbersUse knowledge of factors to divide 3- and 4-digit numbers by 2-digit numbersFind common multiplesIdentify prime numbers to 100Develop mental methods for calculations, using known facts
Fractions, Decimals and Percentages 1
<ul style="list-style-type: none">Simplify fractionsPlace fractions on a number lineCompare and order fractions with different denominators, using a common denominator
Fractions, Decimals and Percentages
<ul style="list-style-type: none">Add and subtract fractionsAdd and subtract mixed numbersAdd and subtract proper fractions and mixed numbers
Fractions, Decimals and Percentages
<ul style="list-style-type: none">Multiply a fraction by an integer by repeated additionMultiply a fraction by a fraction using a visual representationMultiply a fraction by a fractionDivide a fraction by an integer

Place Value 2
<ul style="list-style-type: none">Use negative numbers in contextCalculate differences between positive and negative numbers, where a visual representation is availableCalculate differences between positive and negative numbers, where the information is presented on a graphSolve place value problems
Multiplication and Division 2
<ul style="list-style-type: none">Divide up to a 4-digit number by a 2-digit numberMake choices about how to deal with remainders after division
Multiplication and Division 3
<ul style="list-style-type: none">Use BODMAS to complete calculation using the correct order of operationsSolve problems involving all four operations, including multi-step word problems
Algebra 1
<ul style="list-style-type: none">Find and express a one-step rule for a linear sequenceFind and express a two-step rule for a linear sequenceFind missing numbers in sequences with a two-step rule, including the number which precedes the given start numberForm algebraic expressionsUse symbols and letters for substitutionUse formulae
Fractions, Decimals and Percentages 4
<ul style="list-style-type: none">Use ratio terminology - per, each, shareCompare fractions and ratiosUse a colon as a ratio symbolCalculate using ratioUse scale factors to enlarge shapesUse a scale factor to calculate missing side lengthsSolve ratio and proportion problems
Measures 1
<ul style="list-style-type: none">Identify, read and write metric measurements for length, mass and capacityConvert between metric units of measurementSolve one-step word problems which involve the conversion of measures

Measures 2
<ul style="list-style-type: none">Calculate using metric units of measureConvert between miles and kilometresSolve multi-step word problems which involve the conversion of measuresSolve time duration word problems
Measures 3
<ul style="list-style-type: none">Calculate perimeter and area of compound rectilinear shapesCalculate the area of a triangleCalculate the area of a parallelogramCalculate volume by counting cubesCalculate the volume of a cuboid using lxbxw
Fractions, Decimals and Percentages 5
<ul style="list-style-type: none">Calculate a fraction of an amountCalculate a whole from a fractional part
Fractions, Decimals and Percentages 6
<ul style="list-style-type: none">Convert fractions to percentagesFind equivalences between fractions, decimals and percentagesOrder and compare fractions, decimals and percentagesCalculate a percentage of an amount including multiples of 1%Calculate a whole from a percentage partLink percentages to pie charts
Shape 1
<ul style="list-style-type: none">Measure with a protractorExplore angle facts and real word use of anglesCalculate angles on a straight line and around a pointCalculate angle angles using vertically opposite angle knowledgeCalculate missing angles in trianglesCalculate missing angles in quadrilateralsExplore interior angles in polygons
Shape 2
<ul style="list-style-type: none">Draw shapes and nets accuratelyIdentify 3d shapes from their netsIdentify parts of circles- circumference, radius and diameterKnow that the diameter of a circle is double the radius

Revision
<ul style="list-style-type: none">Class teachers MUST make an appropriate revision plan, based on the QLA from the papers before half term.The revision plan MUST be shared with PLTIt is expected that this plan will include significant intervention for individual pupils and groups of pupils with known misconceptions or gaps in their understanding and teachers are encouraged to use time flexibly to deliver the plans that they have.
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SATs
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Data 1
<ul style="list-style-type: none">Top Trumps data projectFrequency tablesBar charts and frequency diagramsProbability
Data 2
<ul style="list-style-type: none">Top Trumps data projectScatter graphsAverages – mean, median, mode and range

Algebra 3
<ul style="list-style-type: none">Substitute numbers into expressionsCollect like terms
Measures
<ul style="list-style-type: none">SpeedUse a distance time graph
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<ul style="list-style-type: none">SpeedUse a distance time graph
Fraction, decimals and percentages
<ul style="list-style-type: none">Calculate percentage increases and decreasesFind a whole from a percentage amount
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