

|  | its simplest form [for example, $1 / 4 \times 1 / 2=1 / 8]$ <br> divide proper fractions by whole numbers [for example, $1 / 3 \div 2=$ 1/6] |  | for a <br> 3/8] <br> Retriev <br> each dis <br> three deci <br> and di <br> and 10 <br> three decid <br> Solve <br> calculatio <br> and prop <br> Use wr <br> cases <br> two de <br> Recall <br> between <br> and per <br> differen | ple fraction [for example, <br> Identify the value of in numbers given to mal places and multiply ne numbers by 10,100 giving answers up to mal places <br> blems involving the of percentages (ratio artion) <br> n division methods in ere the answer has up to al places <br> d use equivalences imple fractions, decimals ntages, including in contexts. | Recognise, describe and build simple 3D shapes, including making nets Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius <br> Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. | Describe positions on the full coordinate grid (all four quadrants) <br> Draw and translate simple shapes on the coordinate plane and reflect them in the axes. | units of measure, using decimal notation up to three decimal places where appropriate Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places Convert between miles and kilometres | perimeters and sice versa <br> Recognise when it is possible to use <br> formulae for area and volume of shapes Calculate the area of parallelograms and triangles <br> Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres $\left(\mathrm{cm}^{3}\right)$ and cubic metres $\left(\mathrm{m}^{3}\right)$, and extending to ather units [for example, $\mathrm{mm}^{3}$ and $\mathrm{km}^{3}$ ]. |
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| Summer |  |  |  |  | Summer 2 |  |  |  |
| Summer | Ratio and Proportion <br> solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts solve problems involving the calculation of percentages [for example, of measures | Alg <br> a use simp formulae a generat describe number seq a express number p algebraic a find pair numbers satisfy an equation unknown | bra <br> ple <br> and near quences missing oblems ly rs of that <br> with two | Statistics <br> a interpret and construct pie charts and line graphs and use these to solve problems a calculate and interpret the mean as an average. | Properties Revise | of Number <br> NC objectives | Transitio | units for KS3 |



