

Key Objectives for Year 6



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| 1 | Use negative numbers to calculate intervals across zero |
| 2 | Divide numbers using long division, interpreting the remainders as appropriate |
| 3 | Use order of operations to carry out calculations |
| 4 | Use common factors to simplify fractions |
| 5 | Compare and order fractions of any size |
| 6 | Add and subtract fractions with different denominators and mixed numbers |
| 7 | Multiply simple pairs of proper fractions |
| 8 | Divide proper fractions by whole numbers |
| 9 | Calculate decimal fraction equivalents for simple fractions |
| 10 | Multiply a number with up to two decimal places by whole numbers |
| 11 | Use written division with answers of up to two decimal places |
| 12 | Solve problems involving the calculation of percentages |
| 13 | Recall and use equivalences between fractions, decimals and percentages |
| 14 | Solve problems using ratio using multiplication and division facts |
| 15 | Solve problems involving similar shapes where the scale factor is known |
| 16 | Solve problems involving proportion, using knowledge of fractions and multiples |
| 17 | Use simple formulae |
| 18 | Generate and describe linear number sequences |
| 19 | Express missing number problems algebraically |
| 20 | Convert units of measure between smaller and larger units |
| 21 | Convert between miles and kilometres |
| 22 | Calculate the area of parallelograms and triangles |
| 23 | Calculate and compare volume of cubes and cuboids |
| 24 | Illustrate and name parts of a circle |
| 25 | Finding missing angles in triangles, quadrilaterals and regular polygons |
| 26 | Recognise vertically opposite angles and find missing angles |
| 27 | Describe positions on the full co-ordinate grid |
| 28 | Translate shapes on a co-ordinate grid and reflect in the axes |
| 29 | Construct and interpret pie charts |
| 30 | Calculate the mean as an average |