



Mount Pleasant Primary School
Year 6
Maths



Number and place value

I can read, write, order and compare numbers up to 10 000 000

I can round any whole number to a given degree of accuracy
--

I can use negative numbers in context

I can calculate intervals across zero when using negative numbers

I can identify common factors multiples and prime numbers

I can recognise numbers written in Roman numerals

Addition and Subtraction

I can solve multi-step problems using addition and subtraction
--

I can solve multi-step problems using all four operations

I use estimation to check answers to calculations

I can calculate mentally including with mixed operations and large numbers
--

I can use knowledge of the order of operations to carry out calculations (BIDMAS)

Multiplication and Division

I can multiply up to four-digit numbers by two-digit numbers
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I can divide up to four-digit numbers by two-digit numbers
--

I can interpret remainders as whole numbers, fractions or by rounding

Fractions, Decimals and Percentages
--

I can recall and use equivalences between simple fractions, decimals and %
--

I can compare and order fractions with different denominators

I can use common factors and multiples to simplify and find equivalent fractions
--

I can add and subtract fractions with different denominators and mixed numbers
--

I can multiply simple pairs of proper fractions

I can divide proper fractions by whole numbers
--

I know the value of each digit in numbers given to three decimal places

I can multiply numbers with up to two decimal places by a whole number
--

I can solve division problems up to two decimal places or using rounding
--

I can calculate percentages of whole numbers
--

Ratio and Proportion

I can solve problems involving the calculation of percentages

I can solve problems involving two quantities using multiplication and division

I can solve problems involving shapes using the scale factor
--

Algebra

I can use simple formulae expressed in words
--

I can find pairs of numbers that satisfy number sentences involving two unknowns
--

I can express missing number problems algebraically

I can generate and describe linear number sequences

Measurement

I can read, write and convert between standard units of measure

I can convert between miles and kilometres
--

I can recognise when it is necessary to use formula for area and volume of shapes

I can calculate the area of parallelograms and triangles
--

I can calculate estimate and compare volume of cubes and cuboids using cm cubed and cubic m

I can solve problems converting units of measure up to three decimal places

Geometry

I can illustrate and name parts of a circle including radius, diameter and circumference
--

I can compare and classify geometric shapes based on their properties and size
--

I can recognise describe and build simple 3D shapes including making nets

I can find unknown angles on lines

I can find unknown angles in shapes

I can draw and translate simple shape and reflect them in the axis
--

I can describe positions in all four quadrants
--

Statistics

I can construct line graphs relating two variables
--

I can interpret line graphs relating two variables
--

I can construct pie graphs applying knowledge of angles, fractions and percentages
--

I can interpret pie graphs applying knowledge of angles, fractions and percentages
--

I can interpret conversion graphs

I can calculate and interpret the mean as an average
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Total Statements = 50

85% = 43 completed statements.