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÷ ×**HOLLIN PRIMARY SCHOOL
MATHS STANDARD 6**

Name:.....

HTU.th



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- **F11** I can recall, use and calculate equivalences between simple fractions, decimals and percentages.
- **F10** I can solve problems which require answers to be rounded to specified degrees of accuracy.
- **F9** I can use written division methods in cases where the answer has up to 2 decimal places.
- **F8** I can x1-digit numbers with up to 2 decimal places by whole numbers.
- **F7** I can x and ÷ numbers by 10, 100 and 1000 where the answers are up to 3 decimal places.
- **F6** I can divide proper fractions by whole numbers.
- **F5** I can identify the value of each digit in numbers given to three decimal places.
- **F4** I can multiply simple pairs of proper fractions, writing the answer in the simplest form
- **F3** I can add and subtract fractions with different denominators and mixed numbers, using the idea of equivalent fractions.
- **F2** I can compare and order fractions, including fractions >1.
- **F1** I can simplify fractions and use common multiples to express fractions in the same denomination.

Fractions, Decimals and Percentages ★

- **A10** I can divide up to 4 digits by a 2-digit whole number using the formal written method of short division.
- **A9** I can use estimation to check answers to calculations and determine an appropriate degree of accuracy.
- **A8** I can solve problems using any operation +, x, -, ÷.
- **A7** I can solve addition and subtraction multi-step problems in different contexts.
- **A6** I can use knowledge of the order of operations to carry out calculations involving the four operations.
- **A5** I can identify common factors, common multiples and prime numbers.
- **A4** I can calculate mentally, including with mixed operations and large numbers.
- **A3** I can interpret remainders as whole number remainders, fractions or by rounding
- **A2** I can divide up to 4 digits by a 2-digit whole number using the formal written method of long division.
- **A1** I can multiply up to 4 digits by a 2-digit whole number using the formal written method of long multiplication.

Addition, Subtraction, Multiplication and Division ★

- **G9** I know that the diameter of a circle is twice the radius.
- **G8** I can draw 2-D shapes using given dimensions and angles.
- **G7** I can draw and translate simple shapes and reflect them in the axes.
- **G6** I can describe positions on the full co-ordinate grid (all four quadrants).
- **G5** I can find unknown angles where they meet at a point, are on a straight line and are vertically opposite.
- **G4** I can illustrate and name parts of circles, including radius, diameter and circumference.
- **G3** I can find unknown angles in any triangles, quadrilaterals and regular polygons.
- **G2** I can compare and classify geometric shapes based on their properties and sizes.
- **G1** I can recognise, describe and build simple 3-D shapes, including making nets.

Geometry

- **N11** I can find equivalent expressions.
- **N10** I can determine the value of each digit in a number up to 10,000,000.
- **N9** I can find pairs of numbers that satisfy number sentences involving two unknowns.
- **N8** I can generate and describe linear number sequences.
- **N7** I can use simple formulae.
- **N6** I can express missing number problems algebraically.
- **N5** I can solve number problems and practical problems.
- **N4** I can calculate intervals across '0' when using negative numbers.
- **N3** I can round any whole number to a given degree of accuracy.
- **N2** I can use negative numbers in context.
- **N1** I can read, write, order and compare numbers to at least 10,000,000.

Number, Place Value & Algebra ★

- **Me7** I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cm & m, and extending to mm and km
- **Me6** I recognise when it is necessary to use the formulae for area and volume of shapes.
- **Me5** I can calculate the area of parallelograms and triangles.
- **Me4** I can recognise that shapes with the same areas can have different perimeters and vice versa.
- **Me3** I can convert between miles and kilometres.
- **Me2** I use, read, write and convert between standard units of measure of length, mass, volume and time.
- **Me1** I can solve problems involving the calculation and conversion of units of measure, using decimal notation to 3 decimal places where appropriate.

Measurement

- **RP5** I can solve problems involving similar shapes where the scale factor is known or can be found.
- **RP4** I can use percentages for comparison.
- **RP3** I can solve problems involving the calculation of percentages of whole numbers or measures such as 15% of 360.
- **RP2** I can solve ratio and proportion problems involving unequal sharing and grouping using knowledge of fractions and multiples.
- **RP1** I can solve ratio and proportion problems involving the relative sizes of two quantities, where missing values can be found using multiplication and division facts.

Ratio and Proportion ★

- **S6** I can interpret pie charts and line graphs to solve problems.
- **S5** I can calculate and interpret the mean as an average.
- **S4** I can construct line graphs.
- **S3** I can interpret line graphs.
- **S2** I can construct pie charts.
- **S1** I can interpret pie charts.

Statistics