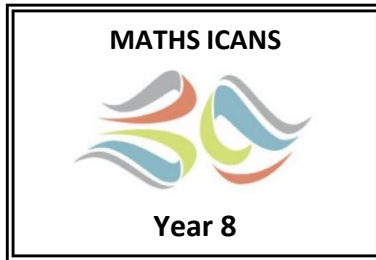


Name: \_\_\_\_\_



NPV8 I can use the symbols: =, ≠, <, >, ≤, ≥.

NPV 7 I can read, write, order and compare numbers to at least 10,000,000.

NPV6 I can calculate between different measurements, using knowledge of place value to change between.

NPV5 I can find unknown numbers in balanced equations.

NPV4 I can use BODMAS to bracket calculations.

NPV3 I can learn to use scientific calculators in an efficient way.

NPV2 I can find different powers of 10 (e.g.  $10^4$ ).

NPV1 I can find the difference, order and solve questions with negative numbers.

AS5 I can use the inverse to check my answer.

AS4 I can solve multi step problems in different contexts.

AS3 I can add and subtract with negative numbers, including across '0'.

AS2 I can + - different decimals, showing secure understanding of place value.

AS1 I can use a secure method for + - 4d (and bigger) numbers

MD7 I can find the Highest Common Factor and Lowest Common Multiple of different numbers.

MD6 I can find powers and roots.

MD5 I can find common factors and prime numbers.

MD4 I can divide decimals by whole numbers and other decimals.

MD3 I can multiply decimals by whole numbers and other decimals.

MD2 I can use long multiplication to solve large division questions ( $4d \div 2d$ ).

MD1 I can use column multiplication to  $x$  3d by 3d numbers.

FR9 I can find Fractions and %s of differing amounts.

FR8 I can fluently solve a variety of fraction, ratio and % problems involving money.

FR7 I can interpret and construct ratios to show proportion.

FR6 I can order a variety of differing F, D and P, using <, > and = too.

FRP5 I can calculate complex percentage increases & decreases.

FRP4 I can enlarge different congruent shapes through scale factor, positively or negatively.

FRP3 I can solve ratio & proportion questions involving all of the equivalences.

FR2 I can fluently solve problems that require me to switch between F, D & P.

FRP1 I can + -  $x$  or  $\div$  fractions with different denominators.

A8 I can solve equations by adding or subtracting to both sides in order to find the value of  $x$ .

A7 I can solve equations through trial and improvement.

A6 I can write formulas for real-world situations, expressing them algebraically.

A5 I can draw and describe linear functions on a graph.

A4 I can produce mapping diagrams to illustrate linear functions.

A3 I can use algebra to calculate formulas for shape.

A2 I can solve algebraic equations, including those involving negative numbers.

A1 I can expand and simplify different algebraic expressions (including factorising).

GM10 I can use and find bearings to different headings.

GM9 I can find planes of symmetry.

GM8 I can recognise and describe the relationships between congruent shapes.

GM7 I can identify and draw the plans and elevations for 3d shapes.

GM6 I can find the surface area & volume of 3d objects.

GM5 I can calculate the area of a circle, using  $\pi$

GM4 I can investigate in detail the properties of circles, using  $\pi$  (Pi) in my formulas.

GM3 I can use formulas to solve alternate and corresponding angles.

GM2 I can construct lines that are perpendicular or bisect other lines.

GM1 I can calculate exterior and interior angles of polygons.

GM11 I can analyse complex graphs, drawing conclusions about what the data shows.

SP7 I can confidently use mean, media and mode with purpose and for comparison.

SP6 I can explore theoretical or experimental probabilities.

SP5 I can calculate a range of probabilities.

SP4 I can collect and use analyse data in frequency tables, using the symbols  $\leq$  and  $\geq$ .

SP3 I can find (& begin to explain) positive and negative correlation in scatter graphs.

SP2 I can interpret a mixture of complex graphs and diagrams.

SP1 I can use and produce stem-and-leaf diagrams.

MS8 I can simplify fractions by cancelling.

MS7 I can partition numbers quickly to aid calculations.

MS6 I can confidently use all of my times tables in a variety of contexts (e.g. fractions).

MS5 I know what must be added to a decimal (3d.p.) to make the next whole number.

MS4 I can count on and back in minutes and hours, across 60, and in all time formats.

MS3 I can find percentages like 12% or 27% easily using simple strategies.

MS2 I can double any number, upto 3d.

MS1 I can  $x$  &  $\div$  by 10, 100 and 1000.

Number and Place Value

Addition and Subtraction

Multiplication and Division

Fractions, Ratio & Proportion

Algebra

Geometry & Measures

Statistics & Probability

Mental strategies