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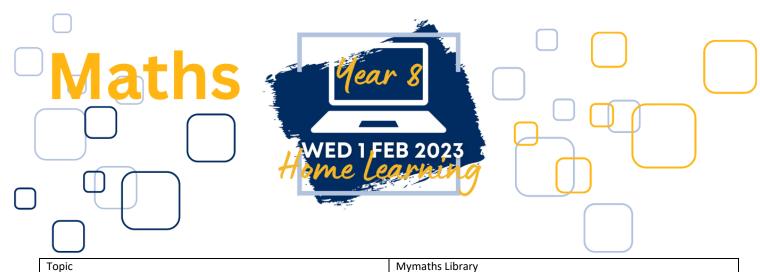
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Each link will load up a worksheet with questions which also has a link to video explaining the topic.



To access the answers to your worksheet, scroll to the bottom of the page and click the icon shown below.





Algebra - Linear Graphs

To use and interpret co-ordinates in all 4 quadrants (P).

- To substitute into expressions./;
- To plot linear graphs.
- Identify gradient and intercept
- To recognise y=mx+c
- To recognise horizontal and vertical straight line graphs.
- Find the equation of a straight line
- To plot quadratic graphs
- To use graphs to solve two linear simultaneous equations.

Geometry and Measure - 2D and 3D Shapes

- To recap mathematical names for common 2D shapes, extending to 3D shapes (P).
- To classify shapes according to their properties e.g. Parallel lines, angles, symmetry. (P)
- To classify quadrilaterals by their geometric properties and solve geometrical problems using properties of
- To understand what a prism is and the mathematical language used to describe faces, edges and vertices.
- To draw plans and elevations
- To find the surface area of 3D shapes

Probability

- To match events to the phrase which best describes its likelihood (certain, likely, evens, unlikely, impossible) (P)
- To understand and use the probability scale from 0 to 1 (P)
- To calculate probabilities
- To know that the sum of probabilities of all mutually exclusive outcomes is 1 and use this when solving problems
- To use Venn diagrams to interpret probability
- To understand relative frequency
- Venn diagrams using set notation

Calculator Use

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Algebra – Linear Graphs

- Drawing Linear Graphs (corbettmaths.com)
- Equation of a Line pdf (corbettmaths.com)
- Gradient pdf (corbettmaths.com)
- x=a and y=a graphs pdf (corbettmaths.com) Drawing Quadratics (corbettmaths.com)
- Graphical Simultaneous (corbettmaths.com)

Geometry and Measure - 2D and 3D Shapes

- 2D Shapes Exercise 1 (corbettmaths.com)
- Quadrilaterals Exercise 2 (corbettmaths.com)
- 3D Shapes (corbettmaths.com)
- Edges Faces Vertices (corbettmaths.com)
- Surface Area Cuboids (corbettmaths.com)
- Surface Area L shaped prism pdf (corbettmaths.com)
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- Surface Area of a Sphere (corbettmaths.com)
- Nets Exercise 4 (corbettmaths.com)
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Probability

- Probability Scale (corbettmaths.com)
- Probability 2 (corbettmaths.com)
- Independent Events (corbettmaths.com)
- Relative Frequency pdf (corbettmaths.com)
- Venn Diagrams Video Corbettmaths

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