

Maths



Year 8 – My Learning Resource

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No login is required. To access the my learning resource choose your topic from the table below and click the link to open the webpage or alternatively copy the link from the table and paste into your browser/search engine.

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



Expanding Brackets
Video 13 on www.corbettmaths.com

Examples



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Workout

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

Answers



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Maths



Topic	Mymaths Library
<p>Algebra – Linear Graphs</p> <ul style="list-style-type: none"> 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 <hr/> <ul style="list-style-type: none"> To plot quadratic graphs To use graphs to solve two linear simultaneous equations. <p>Geometry and Measure - 2D and 3D Shapes</p> <ul style="list-style-type: none"> 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 angles. 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 <p>Probability</p> <ul style="list-style-type: none"> 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 <p>Calculator Use</p>	<p>Algebra – Linear Graphs</p> <ul style="list-style-type: none"> 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) <p>Geometry and Measure - 2D and 3D Shapes</p> <ul style="list-style-type: none"> 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) Surface Area of Other Prisms Video – Corbettmaths Surface Area of a Cylinder (corbettmaths.com) Surface Area of a Cone (corbettmaths.com) Surface Area of a Sphere (corbettmaths.com) Nets Exercise 4 (corbettmaths.com) Views and Elevations Video – Corbettmaths <p>Probability</p> <ul style="list-style-type: none"> Probability Scale (corbettmaths.com) Probability 2 (corbettmaths.com) Independent Events (corbettmaths.com) Relative Frequency pdf (corbettmaths.com) Venn Diagrams Video – Corbettmaths <p>Calculator Use</p> <ul style="list-style-type: none"> Use of a Calculator Textbook Exercise 5 Corbettmaths