



Beckfoot

Home Learning

WEDNESDAY 15 MARCH 2023

and
THURSDAY 16 MARCH 2023

Maths

Year 8

My learning resources are taken from www.corbettmaths.com.

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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Topic	Mymaths Library
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.	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 - 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	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) 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
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	Probability Probability Scale (corbettmaths.com) Probability 2 (corbettmaths.com) Independent Events (corbettmaths.com) Relative Frequency pdf (corbettmaths.com) Venn Diagrams Video – Corbettmaths
Calculator Use	Calculator Use Use of a Calculator Textbook Exercise – Corbettmaths