



Home Learning

WEDNESDAY 15 MARCH 2023
and
THURSDAY 16 MARCH 2023

Maths

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



Click here



Scan here

Workout

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

Answers



Click here



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Topic	MyMaths Library
<p>Number:-Multiples, Factors, Primes</p> <ul style="list-style-type: none"> To be secure in timestables (P) To understand and find multiple and factors. (P) Understand, know and recall prime numbers up to 30. (P) <hr/> <ul style="list-style-type: none"> Be able to find the HCF and LCM of two or more numbers. Be able to express a number as a product of its Prime factors. Apply HCF and LCM to worded questions. To be able to use Venn diagrams to find the HCF and LCM <p>Algebra - Coordinates, Straight Line Graphs</p> <ul style="list-style-type: none"> Be able to plot and read co-ordinates in the first quadrant. (P) Be able to plot and read co-ordinates in all 4 quadrants. <hr/> <ul style="list-style-type: none"> Discovery of straight line graphs using Geogebra or Desmos (laptops required) Be able to recognise and draw lines in the form $y=3$, $x=2$, $y = x$ and $y = -x$. Be able to plot simple linear graphs from a table of results, in the form $y = mx + c$ To be able to find the gradient of a straight line To identify the equation of a straight line graph Discovery of quadratic graphs using Geogebra or Desmos (laptops required) <p>Geometry and Surface Area</p> <ul style="list-style-type: none"> To calculate area of 2D Shapes (P) To be able to draw 3D shapes on isometric paper. To be able to draw the net of a cuboid and other simple 3D shapes. To be able to find the surface area of cubes To be able to find the surface area of cuboids To find the surface area of triangular prisms (given the slanted length) To find the surface area of cylinder Find the missing length of the shape, given the surface area <p>Number - Decimals – Add, subtract, multiply, divide and round</p> <ul style="list-style-type: none"> To multiply and divide decimals by 10, 100, 1000 etc (P) To add and subtract decimals with more than two decimal places (P) To multiply and divide decimals by whole numbers To multiply and divide decimals by decimals <hr/> <ul style="list-style-type: none"> Write down the place value of a decimal digit such as the value of 3 in 0.63 (P) Order decimals to find the biggest and the smallest (P) Round to the nearest integer (P) Round numbers to given powers of ten and to a given number of decimal places (P) Round a number to one significant figure and to any significant figures Estimate answers to calculations involving decimals 	<p>Number:-Multiples, Factors, Primes</p> <p>Factors 216 pdf (corbettmaths.com) Common factors and HCF pdf (corbettmaths.com) Product of primes (corbettmaths.com)</p> <p>Algebra - Coordinates, Straight Line Graphs</p> <p>Equation of a Line (corbettmaths.com) Equation of a Line (corbettmaths.com)</p> <p>Geometry and Surface Area</p> <p>2D Shapes Exercise 1 (corbettmaths.com) 3D Shapes (corbettmaths.com) Nets Exercise 4 (corbettmaths.com) Surface Area Cuboids (corbettmaths.com) Surface Area L shaped prism pdf (corbettmaths.com)</p> <p>Number - Decimals – Add, subtract, multiply, divide and round</p> <p>Dividing by 10 100 1000 (corbettmaths.com) Adding Decimals (corbettmaths.com) Multiplying Decimals Textbook (corbettmaths.com) Ordering Decimals pdf (corbettmaths.com) Rounding Significant Figures (corbettmaths.com)</p>