Year 10

Mathematics: Areas for Development

Revision Resources

1	Algebra - Solving inequalities https://www.youtube.com/watch?v=bGps9ut59QM
2	Number - Product of Prime Factors https://www.youtube.com/watch?v=Q1W-Now_k4M
3	Number - Converting FDP https://www.youtube.com/watch?v=ASO9pF4ydgE
4	Number - Lowest common multiple https://www.youtube.com/watch?v=JVxIvwsMNDo
5	Geometry - Angles in polygons https://www.mathsgenie.co.uk/angles-polygons.html
6	Ratio and proportion - Recipes https://www.mathsgenie.co.uk/direct-and-inverse-proportion.html
7	Ratio and proportion - Density https://www.mathsgenie.co.uk/speed-and-density.html
8	Algebra - Form and solve an equation https://www.mathsgenie.co.uk/forming-and-solving-equations.html
9	Algebra - Inequalities on a number line https://www.youtube.com/watch?v=r4tE-lBRB0I
10	Algebra - Solve inequalities with variables on both sides https://www.youtube.com/watch?v=bGps9ut59QM
11	Geometry - Angles on parallel lines https://www.mathsgenie.co.uk/angles-parallel.html

Kindness, Integrity and Tenacity

Year 10

Mathematics: Areas for Development

Revision Resources

12	Algebra - Substitution https://www.mathsgenie.co.uk/substitution.html
13	Algebra - Index laws https://www.mathsgenie.co.uk/indices.html
14	Algebra - Expand double brackets https://www.mathsgenie.co.uk/expanding-and-factorising-quadratics.html
15	Algebra - Factorising into single brackets https://www.mathsgenie.co.uk/expanding-and-factorising.html
16	Ratio and proportion - Currency conversion https://www.youtube.com/watch?v=3CjyqJMu5aE
17	Ratio and proportion - Calculating average speed https://www.mathsgenie.co.uk/speed-and-density.html
18	Ratio and proportion - Reverse percentages https://www.mathsgenie.co.uk/reverse-percentages.html
19	Ratio and proportion - Percentage profit https://www.mathsgenie.co.uk/percentage-change.html
20	Algebra - Sequences https://www.mathsgenie.co.uk/sequences.html
21	Algebra - Solving 2-step equations https://www.mathsgenie.co.uk/solving-equations.html
22	Algebra - Expand single brackets https://www.mathsgenie.co.uk/expanding-and-factorising.html

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23	Number - Round to significant figures https://www.mathsgenie.co.uk/rounding.html
24	Number - Order of operations https://www.mathsgenie.co.uk/BIDMAS.html
25	Statistics - Averages https://www.mathsgenie.co.uk/averages.html
26	Number - Estimation https://www.mathsgenie.co.uk/estimating.html
27	Number - Product rule for counting https://www.mathsgenie.co.uk/product-rule-for-counting.html
28	Algebra - Recurring decimals to fractions https://www.mathsgenie.co.uk/recurring.html
29	Algebra - Completing the square https://www.mathsgenie.co.uk/completing-the-square.html
30	Number - Simplifying surds https://www.mathsgenie.co.uk/surds.html
31	Geometry - Pythagoras https://www.mathsgenie.co.uk/pythagoras.html
32	Geometry - Trigonometry https://www.mathsgenie.co.uk/sohcahtoa.html
33	Geometry - Solving equations with variables on both sides https://www.mathsgenie.co.uk/solving-equations2.html

Kindness, Integrity and Tenacity