Example Higher Revision Timetable: Year 11 Mock Countdown

This is a suggested list of what to revise. Other topics may also appear. These are topics which were covered in Year 10 and could appear on your mock papers. They are also likely to appear in your Summer exams.

Week	Topics to Revise
1 (14/09/26)	- Working out the number of ways to perform a series of tasks Video: Product Rule for Counting Video – Corbettmaths Questions: https://www.mathsgenie.co.uk/resources/6-product-rule-ws.pdf Answers: 6-product-ruleans.pdf - Estimating Video: Approximation to Calculations Video – Corbettmaths Questions: https://www.mathsgenie.co.uk/resources/3-estimation-ws.pdf Answers: https://www.mathsgenie.co.uk/resources/3-estimationans.pdf - Writing a number as a product of its primes; Find the HCF and LCM from prime factors Video: Product of Primes Video – Corbettmaths Video: LCM and HCF Product of Primes Video – Corbettmaths Questions: https://www.mathsgenie.co.uk/resources/4-HCF-and-LCM-ws.pdf Answers: 4-HCF-and-LCMans.pdf
2 (21/09/26)	- Solving Equations: Video: http://corbettmaths.com/2012/08/24/solving-equations/ Questions: 3-solving-equations-ws.pdf Answers: https://www.mathsgenie.co.uk/resources/3-solving-equationsans.pdf - Laws of Indices Video: 1. http://corbettmaths.com/2013/03/13/laws-of-indices-algebra/ 2. http://corbettmaths.com/2013/03/24/negative-indices/ Questions: 1. 4-indices-ws.pdf 2. https://www.mathsgenie.co.uk/resources/6-fractional-and-negative-indices-ws.pdf Answers: 1. https://www.mathsgenie.co.uk/resources/4-indicesans.pdf

	2. https://www.mathsgenie.co.uk/resources/6-fractional-and-negative-indicesans.pdf - Converting from/to standard form and calculations with standard form Video: 1. http://corbettmaths.com/2013/04/28/standard-form/ 2. http://corbettmaths.com/2013/05/03/standard-form-addition/ 3. http://corbettmaths.com/2013/04/29/standard-form-multiplication/ 4. http://corbettmaths.com/2013/05/03/standard-form-division/ Questions: 5-standard-form-ws.pdf Answers: https://www.mathsgenie.co.uk/resources/5-standard-formans.pdf
3 (28/09/26)	- Surds: simplifying, rationalising a denominator Video: 1. Surds Video – Corbettmaths 2. Rationalising Denominators Video – Corbettmaths Questions 7-surds-ws.pdf Answers: 7-surdsans.pdf - Calculations with fractions (+-x÷) Video: 1. Fractions: Addition and Subtraction Video – Corbettmaths 2. Multiplying Fractions Video – Corbettmaths 3. Division with fractions Video – Corbettmaths Questions: 3-fractions-ws.pdf Answer: 3-fractionsans.pdf - Ratios: simplifying, solving problems involving ratios Video: 1. Simplifying Ratio Video – Corbettmaths 2. Expressing as 1:n Video – Corbettmaths 3. Ratio – Sharing the total Video – Corbettmaths Questions: 1. 3-writing-and-simplifying-ratio-ws.pdf 2. 3-sharing-ratio-ws.pdf Answers: 1. 3-writing-and-simplifying-ratioans.pdf 2. 3-sharing-ratioans.xopp
4 (05/10/26)	- Percentage problems: finding percentages of amounts, increasing/decreasing amounts by a percentage Video:

	1. Percentage Change Video – Corbettmaths 2. Percentages of Amounts: Non-calculator Video – Corbettmaths 3. Percentages of an amount – Calculator Video – Corbettmaths 4. Compound Interest Video – Corbettmaths Questions: 1. 3-percentages-ws.pdf 2. 3-percentage-change-ws.pdf 3. 4-compound-interest-ws.pdf Answers: 1. 3-percentagesans.pdf 2. 3-percentage-changeans.pdf 3. 4-compound-interestans.pdf - Reverse percentage problems – finding the original amount Video: Reverse Percentages Video – Corbettmaths Questions: https://www.mathsgenie.co.uk/resources/5-reverse-percentages-ws.pdf Answers: 5-reverse-percentagesans.pdf - Interior and exterior angles in polygons Video: Angles in Polygons Video – Corbettmaths Questions: 4-angles-in-polygons-ws.pdf Answers: 4-angles-in-polygonsans.pdf
5 (12/10/26)	- Pythagoras' Theorem in 2D and 3D Video: 1. Pythagoras Video – Corbettmaths 2. 3D Pythagoras Video – Corbettmaths Questions: 1. 4-pythagoras-ws.pdf 2. 7-3d-pythagoras-and-trigonometry-ws.pdf (links to 3D trigonometry also) Solutions: 1. 4-pythagorasans.pdf 2. 7-3d-pythagoras-and-trigonometryans.pdf - Trigonometry (SOH CAH TOA) in 2D and 3D Video: 1. Trigonometry – Missing sides Video – Corbettmaths 2. Trigonometry – Missing Angles Video – Corbettmaths 3. 3D Trigonometry Video – Corbettmaths Questions: 5-SOHCAHTOA-ws.pdf (also see 3D trig questions included in the Pythag questions) Solutions: 5-SOHCAHTOAans.pdf - Exact Trig Values Video: Exact Trigonometric Values Video – Corbettmaths Questions: 5-exact-trig-values-ws.pdf Solutions: 5-exact-trig-valuesans.pdf

6 (19/10/26) – Half-term	- Equation of a straight line: calculate the gradient and y-intercept; writing the equation of a straight line; rearrange into y= mx+c Video: 1. y=mx+c Video – Corbettmaths 2. Finding the Equation of a Straight Line Video – Corbettmaths 3. Parallel Linear Graphs Video – Corbettmaths 4. Perpendicular Lines Video – Corbettmaths Questions: 1. Equation of a Line 2. Parallel and Perpendicular Graphs Solutions: 1. Microsoft Word - Equation of a Line Answers.docx 2. Untitled 2 – Parallel and Perpendicular Lines Answers - Distance-time graphs: draw and interpret; calculate average speed Video: Distance-Time Graphs Video – Corbettmaths Questions: 4-real-life-graphs.pdf Solutions: 4-real-life-graphsans.pdf - Velocity-time graphs: draw and interpret; find acceleration and distance Sparx Codes for video and questions: 1. U937: Plotting velocity-time graphs 2. U562: Calculating acceleration from velocity-time graphs 3. U611: Calculating distances from velocity-time graphs - Line segments: find the midpoint, find the gradient and length Video: Midpoint of a Line Video - Corbettmaths Questions: Midpoint of a Line Solutions: Midpoint Between Two Coordinates Answers
7 (26/10/26) - Half-term	- Solving equations Video: 1. Solving Equations Video – Corbettmaths 2. Fractional Equations Video – Corbettmaths 3. Equations with letters on both sides Video – Corbettmaths 4. Equations involving algebraic fractions (advanced) Video – Corbettmaths Questions: 1. 3-solving-equations-ws.pdf 2. Fractional Equations 3. Equations letters both sides pdf 4. Equations Fractional Advanced pdf Solutions: 1. 3-solving-equationsans.pdf 2. Fractional eqn

	3. Equations Letters Both Sides answers pdf 4. Equations Fractional Advanced answers pdf - Setting up equations Video: Forming Equations Video – Corbettmaths Questions: 4-forming-and-solving-equations-ws.pdf Solutions: 4-forming-and-solving-equationsans.pdf - Circles: circumference and area Video: 1. Area of a Circle Video – Corbettmaths 2. Circumference Video – Corbettmaths Questions: 3-circles-area-and-circumference-ws.pdf Solutions: 3-circles-area-and-circumferenceans.pdf - Sectors of circles – perimeter and area Video: 1. Area of a Sector Video – Corbettmaths 2. Arc Length – Corbettmaths Questions: 5-sector-area-and-arc-length-ws.pdf Solutions: 5-sector-area-and-arc-lengthans.pdf
8 (02/11/26)	- Surface area - Volume - Transformations of shapes: rotations, reflections, enlargements and translations
9 (09/11/26)	- Bearings - Sine Rule - Cosine Rule