		Year 9 and 10 End of Year Exams Revision List
		Higher
	Non- Calculator paper	
	Work out a power raised to a power.	
	Use negative indices.	
	Use fractional indices.	
	Calculate with numbers in standard form.	
	Simplify a surd.	
	Use the rules of indices to simplify algebraic expressions.	
	Use the difference of two squares.	
	Decide which average is best for a set of data.	
	Recognise and use direct proportion.	
	Find the gradient and y-intercept from a linear equation.	
	Rearrange an equation into the form y = mx + c.	
		Common
	Non-Calculator paper	
	Estimate an answer.	
	Use place value to answer questions.	
	Write a number of the product of its prime factors.	
	Find the HCF and LCM of two numbers.	
	Use powers and roots in calculations.	
	Multiply and divide using index laws.	
	Write a number in standard form.	
	Solve equations involving brackets and numerical fractions.	
	Use equations to solve problems.	
	Rearrange formulae.	
	Find a general formula for the nth term of an arithmetic sequence.	
	Determine whether a particular number is a term of a given arithmetic	
	Expand the product of two brackets.	
	Factorise quadratics of the form x2 + bx + c.	
	Construct and use frequency polygons	
	Plot and interpret scatter graphs.	
	Draw a line of best fit on a scatter graph.	
	Use the line of best fit to predict values.	
	Construct and use two-way tables.	
	Add, subtract, multiply and divide fractions and mixed numbers.	
	Derive and use the sum of angles in a triangle and in a quadrilateral.	
	Draw and interpret distance–time graphs.	
	Calculate average speed from a distance–time graph.	
	Draw and interpret real-life linear graphs.	
	Find the coordinates of the midpoint of a line segment.	
	Draw quadratic graphs.	

	Foundati
	Non-Calculator Paper
	Use priority of operations with positive and negative numbers.
	Simplify calculations by cancelling.
	Use inverse operations.
	Multiply and divide decimal numbers.
	Estimate answers to calculations.
	Recognise 2-digit prime numbers.
	Find factors and multiples of numbers.
	Write a number as the product of its prime factors.
	Designing tables and data collection sheets.
	Reading data from tables.
	Draw and interpret comparative and composite bar charts.
	Interpret and compare data shown in bar charts, line graphs and histograms.
	Find a fraction of a quantity or measurement.
	Use fractions to solve problems.
	Convert fractions to decimals and vice versa.
	Convert percentages to fractions and vice versa.
	Write one number as a percentage of another.
	Convert percentages to decimals and vice versa.
	Find a percentage of a quantity.
	Rearrange simple linear equations.
	Solve simple linear equations.
	Solve two-step equations.
	Solve linear equations with brackets.
	Solve equations with unknowns on both sides.
	Represent inequalities on a number line.
	Recognise and extend sequences.
	Use the nth term to generate terms of a sequence.
	Understand and use the angle properties of parallel lines.
	Find missing angles using corresponding and alternate angles.

topics

Calculator paper

Solve problems involving ratios and proportion.
Calculate the length of a shorter side in a right-angled triangle.
Solve problems using Pythagoras' theorem.
Use trigonometric ratios to find lengths in a right-angled triangle.
Use trigonometric ratios to solve problems.
Use trigonometric ratios to calculate an angle in a right-angled triangle.
Find angles of elevation and angles of depression.
Use trigonometric ratios to solve problems.

n Topics

Calculator paper

Expand brackets.
Factorise algebraic expressions.
Substitute numbers into formulae.
Estimate the mean and range from a grouped frequency table.
Find the modal class and the group containing the median.
Compare ratios.
Find quantities using ratios.
Solve problems involving ratios.
Convert between currencies and measures.
Work out percentage increases and decreases.
Solve real-life problems involving percentages.
Solve real-life problems involving percentages.
Calculate the length of the hypotenuse in a right-angled triangle.
Solve problems using Pythagoras' theorem.
Find the perimeter and area of compound shapes.
Recall and use the formula for the area of a trapezium.
Calculate volumes and surface areas of prisms.
Calculate the area and circumference of a circle.

on topics
Calculator Paper
Round to a given number of decimal place.
Round to a given number of significant figures.
Use maths and science formulae.
Use correct algebraic notation.
Write and simplify expressions.
Multiply and divide expressions.
Simplify expressions with brackets.
Write expressions and simple formulae to solve problems.
Use percentages to solve problems.
Calculate simple interest.
Estimate the mean of grouped data.
Solve angle problems in triangles.
Understand angle proofs about triangles.
Calculate the mean from a list and from a frequency table.
Compare sets of data using the mean and range.
Identify outliers.
Find the modal class.

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