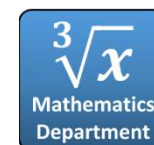


YEAR 10 MOCK EXAM - GCSE HIGHER

SUGGESTED REVISION TOPICS



	NUMBER	ALGEBRA	GEOMETRY AND MEASURES	PROBABILITY AND STATISTICS
PAPER 4	Direct proportion	Completing the square	Bearings	Cumulative frequency
	Growth and decay	Equation of a circle	Circumference of a circle	Time series
	Prime factors	Simultaneous equations	Perimeter	Probability tree diagrams
	Reverse percentages	Solving quadratic equations	Pythagoras' Theorem	
	Upper and lower bounds	Speed – time graphs	Solving non right-angled triangles	
	Using a calculator	Use of kinematics formulae	Transformations	
		Completing the square	Trigonometry	
PAPER 5	Fraction arithmetic	Algebraic fractions	Angles in polygons	Averages
	Compound interest	Algebraic proofs	Area of a triangle	Conditional probability
	Index notation	Distance – time graphs	Circle theorems	Enumeration
	Laws of indices	Factorise expressions	Vectors	Sampling
	Percentage problems	Multiply out brackets		Venn diagrams
	Recurring decimals	Quadratic graphs		
	Simplify ratios	Rearranging formulae		
	Solve ratio & proportion problems	Solve inequalities		
	Surds and exact calculations	Solve linear equations		
PAPER 6	Inverse proportion	Algebraic fractions	Circle theorems	Calculations with probability
	Laws of indices	Equation of a line	Construct loci	Equally likely outcomes
	Percentage calculations	Formulate algebraic expressions	Density, mass volume	Histograms
	Percentage change	Parallel and perpendicular lines	Graphs of trigonometric functions	Pie charts
	Standard form calculation	Quadratic graphs	Length, area and volume scale factors of similar figures	Sample spaces
	Upper and lower bounds		Map scales	Scatter diagrams and outliers
	Use ratio		Pythagoras' Theorem	
			Reasons for congruency	
			Transformations	
			Trigonometry	
			Volume of cuboid	
			Volume of pyramid	

YEAR 10 MOCK EXAM - GCSE HIGHER

SUGGESTED REVISION TOPICS

