Positive powers and roots

Conditions of congruence

Reasoning with sequences

Relate ratio to fractions

Fraction of an amount

Form an expression - linear

Use density/mass/volume

Convert into standard form

Solving linear equations

Simultaneous equations - linear/linear

Solve problems involving % change

Recurring decimals and fractions

Probability trees - independent events

Proportional reasoning - best value

Use the equation of a circle

Estimate areas under graphs

Expand triple brackets

Exact trig values/Surds

Volume of a cone

Calculate with fractional indices

Proportional reasoning/Fractions

Combinations of transformations

Construct cumulative frequency diagram

Interpret cumulative frequency diagram

Graphs of functions in real-life contexts

Equation of a tangent to a circle at a point

Prime factorisation

Averages

Area of circles

Gradient

Reflections

Similarity

Use y = mx + c

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PAPER 1

Name:



PAPER 3

PAPER 2

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27 b function 2	26 b	Reflections	1		
	27 a	Interpret reverse process as an inverse	2		
Total Marks 80	27 b	function	2		
		Total Mark	s 80		

Q	Topic	Max	Actual	RAG
1	Vectors - column arithmetic			
2	Types of number			
3	Change the subject	1		
4	Calculate using bearings	1		
5	Estimating frequency	2		
6	Solve linear inequalities	2		
7 a	Error intervals due to rounding	2		
7 b	Apply and interpret limits of accuracy	2		
8 a	2D shape properties	1		
8 b	Conditions of congruence	1		
9 a	Fractions and probability	3		
9 b	Fractions and probability	2		
10 a	Form and solve an equation - angle facts	4		
10 b	Angle facts - parallel lines	3		
11	Use ratio notation including simplifying	3		
12	Positive powers and roots	2		
13	Reverse mean	4		
14	Solve problems using inverse proportion	1		
15 a	Interpret graphs in real-life contexts	1		
15 b	Interpret graphs in real-life contexts	1		
16	Depreciation	3		
17	Use speed/distance and time	5		
18	Recognise/plot/sketch reciprocal functions	1		
19	Apply circle theorems	4		
20	Upper and lower bounds	4		
21	Identify/interpret roots graphically	1		
22	nth term - quadratic sequences	3		
23	Turning points graphically - quadratics	4		
24	Interpret graphs in real-life contexts	2		
25 a	Pythagoras' Theorem	2		
25 b	Trigonometry in 3D	4		
26	Form an equation - area	6		
	1	1		

Algebraic proof

TOTAL	

3

80

Total Marks

Grade Boundaries: 3 = 32, 4 = 46, 5 = 71, 6 = 97, 7 = 125, 8 = 156, 9 = 189

Total Marks 80

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