AQA Level 2 Certificate in Further Mathematics – 8365 – Advance Information

Paper 1 – Wednesday 8 June 2022 pm – non-calculator

	Percentage increase
Number	Ratio
	Rationalisation of surd

	Inverse function
	Identity
	Expanding brackets
	Binomial expansion
Algebra	Changing subject of formula
	Completing the square
	Quadratic inequality
	Draw graph of function
	Simultaneous equations, one linear and one
	second order
	Index laws
	<i>n</i> th term of sequence
	Limiting value of sequence
	Quadratic sequence

Coordinate Geometry	Equation of line Length of a line Intercept of a line
	Point on circle Equation of tangent to a circle
	Equation of langent to a circle

Calculus	Differentiation
	Stationary points

Matrix Transformations	Matrix multiplication
	Matrix transformations

	Circle theorems
	Geometric proof
	Sine rule
Geometry	Pythagoras' Theorem
	Trigonometrical graph
	Trigonometrical value
	Trigonometrical identity

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