

**Paper 2H – grouped by content area**

<b>Number (*see Ratio – some overlap of topic areas)</b>	
Approximation and estimation	Error interval
Other	Use of a calculator
<b>Algebra</b>	
Manipulation	Simplification
	Expansion of bracket
	Factorisation
	Laws of indices
Equations and inequalities	Linear equation
	Equations of parallel lines
	Form an equation
	Quadratic inequality
Graphs	Coordinates
	Transformations of functions
	Graphs of trigonometric functions
Functions	Inverse and composite functions
<b>Ratio, proportion and rates of change (*see Number – some overlap of topic areas)</b>	
Conversions	Area
Percentages	Depreciation
Ratio	Use of ratio
Proportion	Direct proportion
	Currency conversion
	Inverse proportion
Compound measures	Pressure

**Geometry and measures**

Shape

Transformations

Angles

Circle theorems

Length, area and volume

Area of a rectangle

Volume of composite solid

Pythagoras's Theorem and Trigonometry

Sine and Cosine Rules

**Probability**

Probability

Venn diagram

Probability from a Venn diagram

**Statistics**

Diagrams

Box plot

Measures

Lower and upper quartiles

Populations

Compare distributions

Capture-recapture method