

E-Math revision checklist

Covered topic guides only - use one unseen question before marking Checked independently.

Number & Algebra

Guide	Skills to check	Revision status	Retest date
Indices	Match the law to the operation Handle zero, negative and fractional powers	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Ratio and proportion	Match units before comparing Choose direct or inverse proportion	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Factorisation	Extract common factors Expand to check factor pairs	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Algebraic fractions	Factor before cancelling Keep original denominator restrictions	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Functions and graphs	Read intercepts and turning points Use a tangent for a curve gradient	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Quadratic equations	Choose a method after rearranging to zero Check roots in the original equation	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Simultaneous equations	Eliminate or substitute consistently Check both equations	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Linear inequalities	Reverse the sign after a negative division Use correct open or filled endpoints	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Sets and Venn diagrams	Interpret union, intersection and complement Count overlap once	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Matrices	Check dimensions before operating Read rows and columns in context	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____

E-Math revision checklist

Covered topic guides only - use one unseen question before marking Checked independently.

Geometry & Measurement

Guide	Skills to check	Revision status	Retest date
Circle properties	Name the theorem used Match the relevant arc, chord or tangent	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Similarity and congruence	Match corresponding parts Apply scale factors to length/area/volume	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Trigonometry	Match sides to the chosen angle Choose sine, cosine or tangent/rule	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Mensuration	Use perpendicular rather than slant height Convert area and volume units correctly	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Coordinate geometry	Calculate gradient from coordinates Use Pythagoras for distance	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Vectors	Subtract start from end Use scalar multiplication accurately	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____

Statistics & Probability

Guide	Skills to check	Revision status	Retest date
Statistics	Read frequency totals Compare centre and spread	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____
Probability	Define the sample space Use complement or combined-event rules	☐ Not covered yet ☐ Needs practice ☐ Checked independently	_____