






Name: \_\_\_\_\_






**GCSE Mathematics - Intermediate Tier - Revision Checklist**

The most important topics to revise are:

SKILL	Corbett Maths Video Number	Watched?	MyMaths Homework Task		
		 	Not sure?!	Getting there...	Feeling Good
					
• Number properties (square, cube, reciprocal, multiple, factor, square root, cube root)	226, 212, 145, 220, 216, 228, 214				
• Standard form calculations (+, -, x, ÷)	301, 302, 303				
• Calculations with fractions (+, -, x, ÷)	133, 134, 142				
• Fractions and percentages of amounts	137, 234, 235				
• Venn diagrams	380				
• Calculator skills (square root, percentage and fractions of amounts)	222a				
• Drawing and interpreting quadratic graphs	264				
• Substitution	20				
• Simplifying expressions / collecting like terms	9				
• Factorising into single brackets	117				
• Expanding and simplifying single brackets	13, 14				
• Solving equations	110, 113				
• Forming and solving linear equations	16, 115				
• Forming and solving inequalities	115, 178				
• Simultaneous equations	296				
• Trial and improvement	116				
• Angles in triangles	37				
• Pythagoras' Theorem (in 3D)	257				
• Trigonometry (SOHCAHTOA)	330, 331				
• Circle theorems	64				
• Perimeter and area of a square, rectangle, triangle, trapezium, circle and compound shapes	Perimeter: 241, 60, 62				
	Area: 45, 49, 48, 40, 42				

• Volume and Surface area of cubes, cuboids, prisms, cylinders and compound shapes	355, 356, 357, 310				
• Mean, median, mode and range of a data set (including finding the original data set)	53, 50, 56, 57				
• Basic probability	245, 250				
• Expected probability / Relative Frequency	248				
• Listing outcomes	246, 253				
• Probability tree diagrams	252				

Additional topics to revise which have appeared in past papers relatively frequently:

SKILL	Corbett Maths Video Number	Watched?	MyMaths Homework Task		
		 	Not sure?!	Getting there...	Feeling Good
					
• Highest common factor and lowest common multiple	219				
• Calculations with decimals (+, -, x, ÷)	90, 91, 94, 92				
• Percentage increase and decrease	238				
• Estimation	215				
• Finding the next term in a sequence	287				
• Finding and using the nth term of linear sequences	288				
• Changing the subject of a formula	7				
• Constructing the perpendicular bisector or angle bisector	78, 79, 80				
• Constructing 30, 45, 60 and 90 degree angles	68, 69, 70, 71				
• Angles in parallel lines	25				
• Rotation	275				
• Reflection	272				
• Enlargement (positive and fractional scale factors)	104, 104a, 107				
• Bearings	26				
• Unit conversions	347, 349 a, b, c, ,d, e & f				
• Pie charts	164				
• Addition and multiplication laws of probability	247				

**Please note:** These are not the only topics which could appear in the GCSE Mathematics exams, however they are the key topics which have appeared in past papers in recent years.

These lists have been created to help pupils focus their revision: they should still however also be revising the other topics we have covered in class.