

Name: _____

GCSE Mathematics - Foundation 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, square root, cube root, multiples, factors)	226, 212, 145, 220, 216, 228, 214				
• Calculations with whole numbers (+, -, x, ÷)	6, 304, 199, 98				
• Calculations with decimals (+, -, x, ÷)	91, 93, 94, 204				
• Order of operations (BIDMAS)	211				
• Fraction of an amount	137				
• Percentage of an amount	234, 235				
• Finding the next term in a sequence	287				
• Function machines (and inverse operations)	386, 369				
• Substitution	20				
• Simplifying expressions / collecting like terms	9				
• Forming and solving linear equations	16, 110, 115				
• 2D and 3D shapes (key words)	1, 3				
• Measuring a line using a ruler	-				
• Rotational symmetry	317				
• Angles in a triangle	37				
• Angles next to each other on a straight line	35				
• Reflection	272				
• Perimeter and area of a square, rectangle, triangle, parallelogram, trapezium, circle, semicircle and composite shapes	Perimeter: 241, 60, 62 Area: 45, 49, 48, 40, 42				
• Averages from a data set (and using averages to find the original data set)	53, 50, 56, 57				
• Language of probability (vocabulary of probability)	245				
• Listing outcomes	253				

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 
• Reading and writing whole numbers and decimals	362, 363				
• Understanding place value	222				
• Rounding to the nearest 10, 100, 1000, whole number	277a, 277b				
• Rounding to a given number of decimal places or significant figures	278, 279a				
• Calculating using money (decimals)	90, 91				
• Venn diagrams	380				
• Calculator skills (knowing how to use powers, square and cube root symbols)	222a				
• Types of angle	38				
• Vocabulary related to circles	61				
• Congruent shapes	66				
• Measuring an angle	31				
• Symmetry	316				
• Angles in quadrilaterals	33				
• Angles in parallel lines	25				
• Coordinates	84				
• Unit conversions	347, 349 a, b, c, d, e & f				
• Units of time (and finding the time duration of activities)	322				
• Surface area, cross-sectional area and volume of cubes and cuboids	355, 310				
• Probability scale	251				
• Experimental/expected probability	248				

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.