

GCSE Mathematics Report Statements

Statement	Video Link 1	Link 2	Link 3	Question(s)	Question(s) 2	Answers 1	Answers 2
Foundation							
Put decimal numbers in order	Click this link			Practice questions		Answers	
Use brackets and hierarchy of operations (BIDMAS)	Click this link			Practice questions		Answers	
Round numbers and calculations to a specified number of decimal places	Click this link			Practice questions		Answers	
Round numbers and calculations to a specified number of significant figures	Click this link			Practice questions		Answers	
Find estimates for calculations, by rounding numbers to 1 significant figure	Click this link			Practice questions		Answers	
Use index laws for multiplication and division when the index is a whole number (positive or negative)	Click this link	-		Practice questions		Answers	
Find the lowest common multiple and highest common factor of a set of numbers	Click this link	click this link	click this link	Practice questions		Answers	
Break down a number as a product of prime factors	Click this link			Practice questions		Answers	
Know the squares of 1 to 15 and the corresponding square roots	Click this link	click this link	click this link	Practice questions		Answers	
Know the cubes of 1, 2, 3, 4, 5 and 10 and the corresponding cube roots	Click this link	click this link	click this link	Practice questions		Answers	
Simplify an algebraic expression by collecting like terms	Click this link			Practice questions		Answers	
Expanding single and double brackets	Click this link	click this link		Practice questions	Practice questions	Answers	Answers
Factorise by taking out common factors	Click this link			Practice questions		Answers	

Substitute numbers into expressions and formulae e.g. convert 30°C into °F using $F = \frac{9}{5} C + 32$	Click this link			Practice questions		Answers	
Higher							
Round numbers and calculations to a specified number of decimal places	Click this link			Practice questions		Answers	
Round numbers and calculations to a specified number of significant figures	Click this link			Practice questions		Answers	
Change recurring decimals into fractions and vice versa	Click this link	-		Practice questions		Answers	
Use index laws for multiplication and division when the index is a whole number (positive or negative)	Click this link	-		Practice questions		Answers	
Use index laws for multiplication and division when the index is a fraction (positive or negative)	Click this link	-		Practice questions		Answers	
Know that if there are x ways to do one thing, y ways to do another and z ways to do another there are xyz ways in total	Click this link	-		Practice questions		Answers	
Simplify surds	Click this link	-		Practice questions		Answers	
Perform simple calculations with surds	Click this link	-		Practice questions		Answers	
Perform more complex calculations with surds	Click this link	-		Practice questions		Answers	
Rationalise the denominator	Click this link	-		Practice questions		Answers	
Understand how to convert a normal number into a standard form number	Click this link	-		Practice questions		Answers	
Perform calculations involving standard form numbers with and without a calculator	Click this link	Click this link		Practice questions		Answers	
Order standard form numbers	Click this link	-		Practice questions		Answers	