




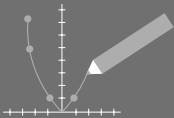



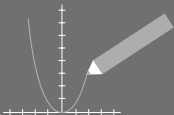

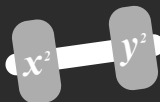












GCSE (9–1) Mathematics

Command words



Here are the most commonly used command words that you might see in different questions throughout your exam.

<h3>Explain</h3> <p>Write a sentence or a mathematical statement to show how you got to your answer or reached your conclusion.</p> 	<h3>Show</h3> <p>All working needed to get to a given answer or complete a diagram to show given information.</p> 	<h3>Expand</h3> <p>Remove brackets.</p> 	<h3>Describe</h3> <p>Write a sentence that gives the features of the situation.</p> 	<h3>Justify</h3> <p>Show all working and/or give a written explanation.</p> 												
<h3>Draw</h3> <p>Produce an accurate drawing (unless a sketch is being drawn).</p> 	<h3>Find</h3> <p>Some working will be needed to get to the final answer.</p> 	<h3>Expand and simplify</h3> <p>Remove brackets and then collect like terms.</p> 	<h3>Complete</h3> <p>Fill in missing values.</p> <table border="1"><tr><th>x</th><th>y</th></tr><tr><td></td><td>-3</td></tr><tr><td>-1</td><td></td></tr><tr><td>0</td><td>1</td></tr><tr><td></td><td>3</td></tr><tr><td>2</td><td>5</td></tr></table>	x	y		-3	-1		0	1		3	2	5	<h3>Solve</h3> <p>Find the solution of an equation or inequality.</p> 
x	y															
	-3															
-1																
0	1															
	3															
2	5															
<h3>Draw a sketch of... Sketch</h3> <p>Produce a drawing that does not have to be drawn to scale or a graph that is drawn without working out each coordinate.</p> 	<h3>Factorise</h3> <p>Insert brackets by taking out common factors.</p> 	<h3>Work out</h3> <p>Some working will be needed in order to get the answer.</p> 	<h3>Write down</h3> <p>No working is needed.</p> 	<h3>Solve algebraically</h3> <p>Find the solution of an equation or inequality; algebraic manipulation must be shown.</p> 												
<h3>Simplify</h3> <p>Simplify the given expression.</p> 	<h3>Factorise fully</h3> <p>Insert brackets by taking out all the common factors.</p> 	<h3>Change</h3> <p>Usually convert from one unit to another; either using known metric unit conversions or the use of a conversion graph.</p> 	<h3>Write</h3> <p>No working needed for 1 mark questions. Working may be needed for questions with more than 1 mark.</p> 	<h3>Prove</h3> <p>More formal than 'show', all steps must be present. In the case of a geometrical proof, reasons must be given.</p> 												
<h3>Simplify fully</h3> <p>Simplify the given expression. Answer must be given in its simplest form.</p> 	<h3>Express</h3> <p>Re-write in another form, some working may be needed.</p> 	<h3>Give a reason</h3> <p>Must be clear and accurate reasons. If the reasons are geometrical then make sure you:</p> <ul style="list-style-type: none">✓ provide a reason for each stage of working (if required)✓ use correct geometric terminology.	<h3>Calculate</h3> <p>A calculator and some working will be needed.</p> 	<h3>Prove algebraically</h3> <p>Use algebra in the proof.</p> 