Assess

Make an informed judgement

Use the mathematical information in the question to help you decide your answer

Comment

Present an informed opinion

Use the mathematical information in the question to give your opinion

Complete

Finish a task by adding to given information

This might be completing a table or diagram – watch out, it's easy to miss these!

Describe

Set out characteristics

Write down any mathematical characteristics or features. Be specific – don't waffle!

Draw

Produce a diagram

Draw a diagram using a pencil, ruler, compasses and protractor (if necessary)

Estimate

Assign an approximate value

Give a sensible rough guess – think about significant figures

Factorise

Take out a common factor or factorise into two brackets

Generally speaking, you're putting brackets BACK IN to an algebraic expression

Give

Produce an answer from recall

This indicates that you should know the answer from memory

Measure

Find the length or size of something

Use a ruler for a line and a protractor for an angle. Be accurate!

Plot

Mark on a graph

Mark the point needed with a little “x”. Remember the x coordinate comes first!

Prove

Demonstrate validity on the basis of evidence

Show that something MUST be true, using mathematics in the argument.

Rotate

Turn around a fixed point

Check:

- **Angle (90°, 270°)**
- **Direction (anti/clockwise)**
- **Point location (coordinate)**

Shade

Darken an area of a diagram

Fill in the region asked for in the question in a clear way

Show

Provide structured evidence to reach a conclusion

Demonstrate to the examiner that what you have said is true mathematically

Simplify

Collect terms together or cancel down

Make the algebraic expression easier by putting like terms together

Simplify fully

Collect terms together and factorise / cancel completely

This indicates that there is more that one thing to factorise or cancel out

Solve

Arrive at the answer using an numerical or algebraic method

Remember to show the method you have used and don't just write an answer!

Translate

Move laterally without rotating or flipping

Move the shape horizontally and vertically using the instructions or vector given

Work out

Perform one or a set of steps to arrive at an answer

Remember to clearly show all of the steps!

Calculate

Means exactly the same as "Work out"

This does NOT indicate that you need to use a calculator for the question.