

# **GCSE Maths – Algebra**

## **Translations and Reflections (Higher Only)**

Worksheet

WORKED SOLUTIONS

This worksheet will show you how to work out different types of translations and reflections questions. Each section contains a worked example, a question with hints and then questions for you to work through on your own.

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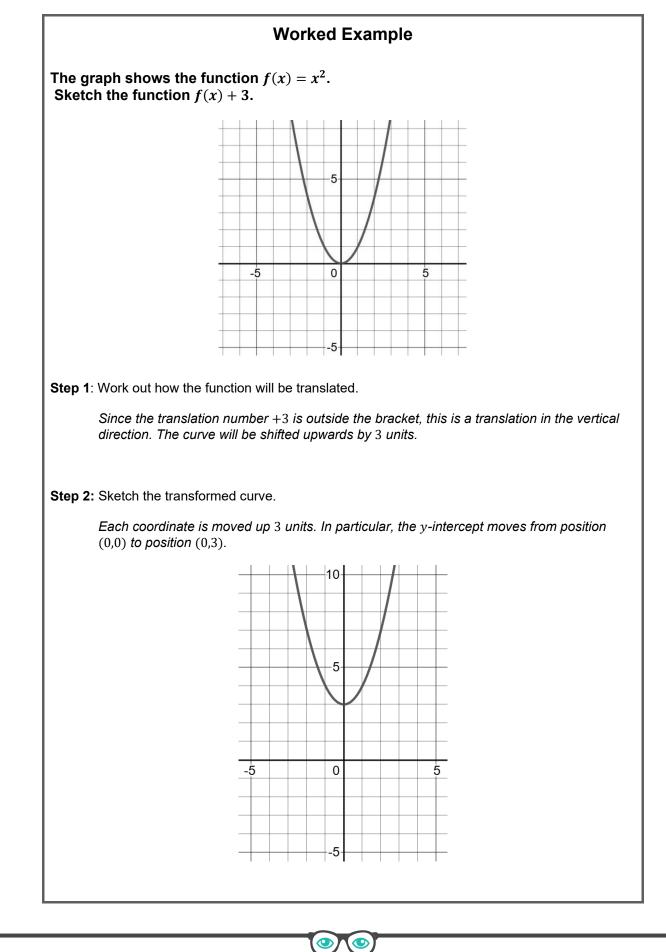








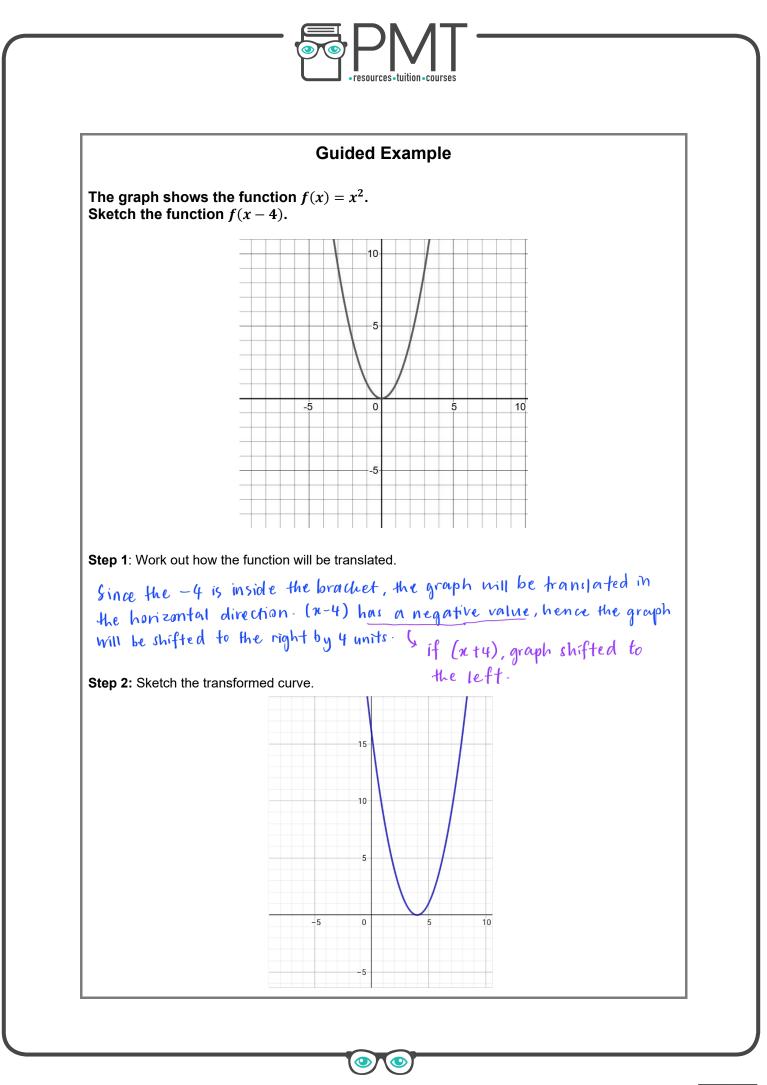
## Section A



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▶ Image: Second Second





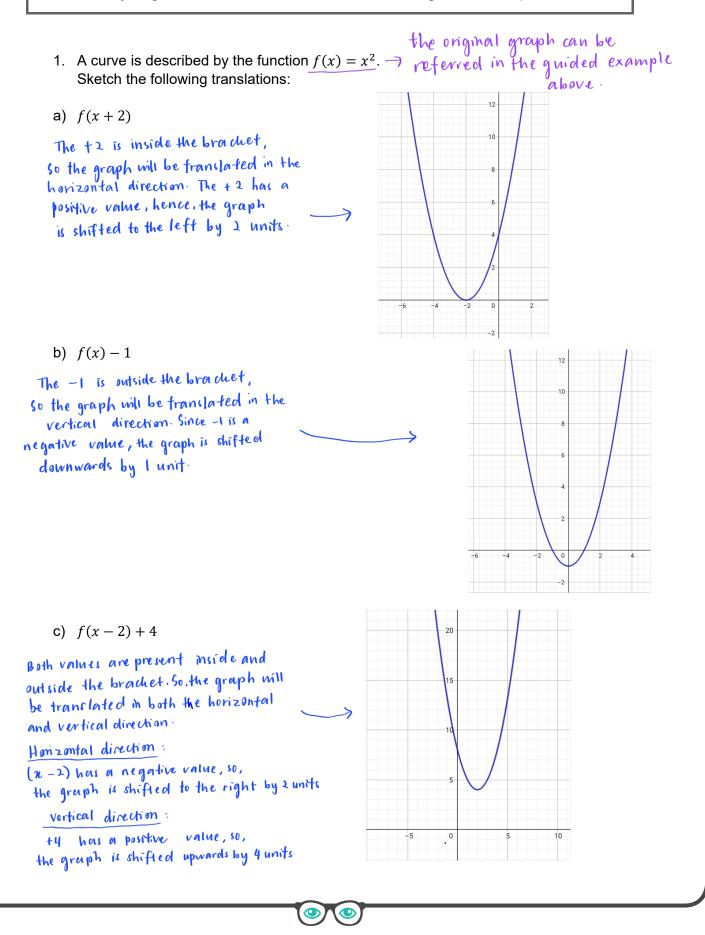
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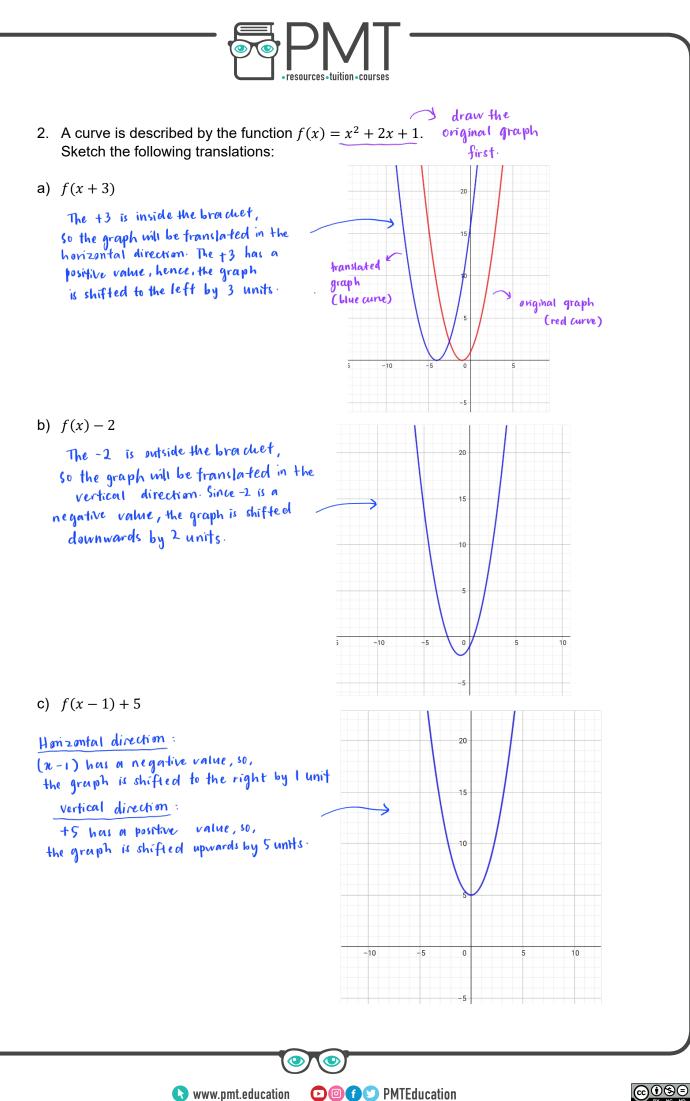


#### Now it's your turn!

If you get stuck, look back at the worked and guided examples.

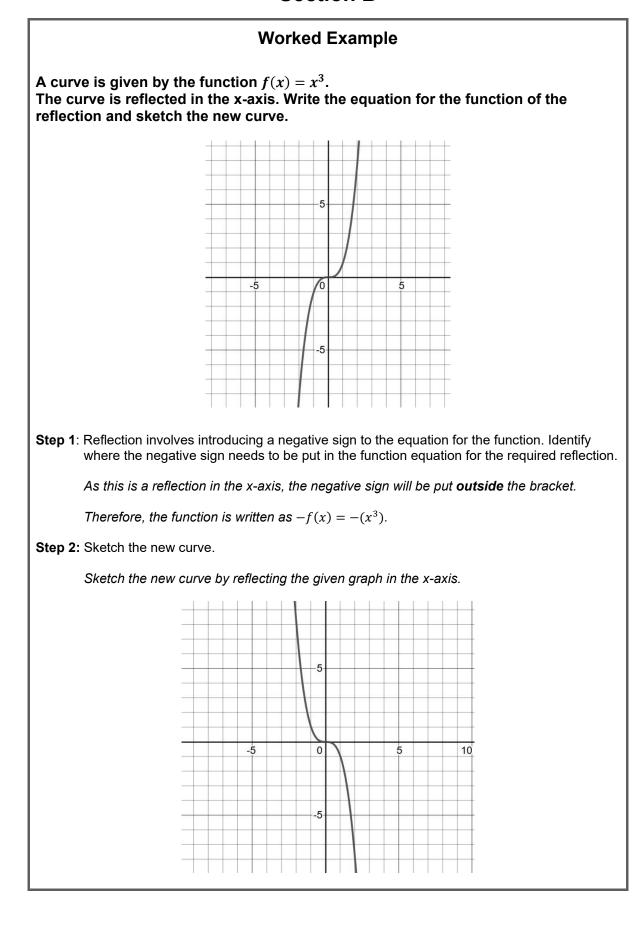


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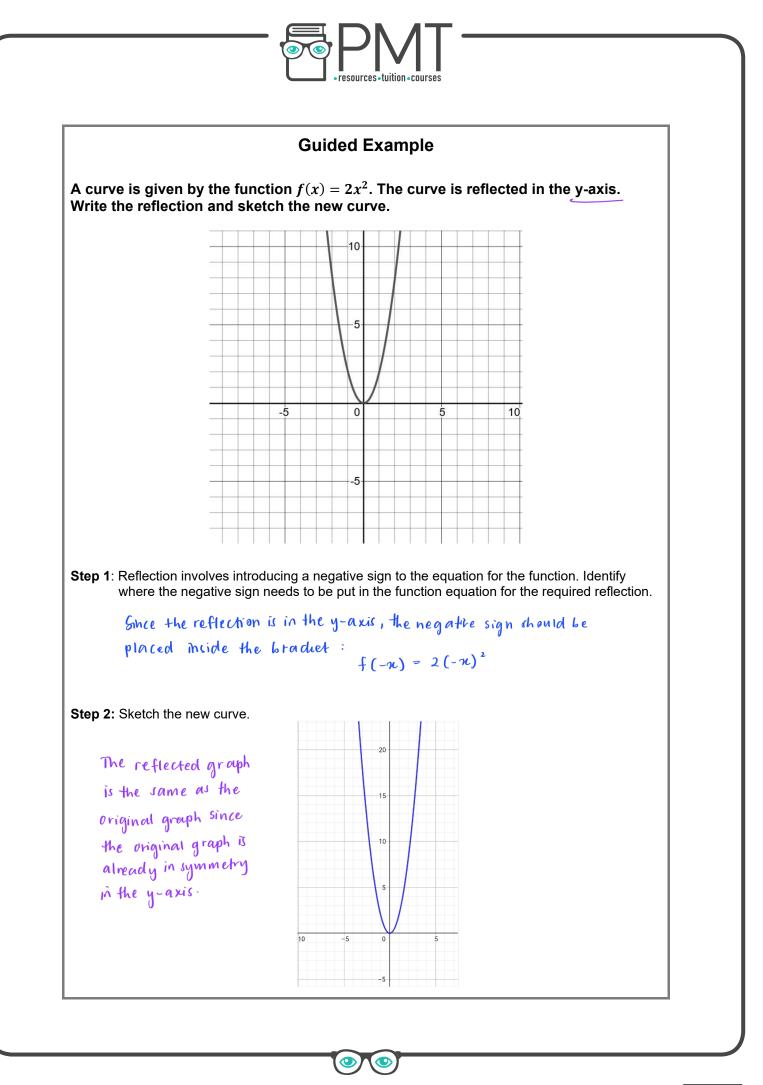


## Section **B**



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▶ Image: Second Second



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#### Now it's your turn!

If you get stuck, look back at the worked and guided examples.

3. A curve is described by the equation  $f(x) = (x - 4)^3$ . Sketch the curve and write the equation of the new function if the curve is reflected in:

