

# Transformations-Reflections

## Question Paper

Level	GCSE
Subject	Maths
Exam Board	Edexcel GCSE
Topic	Transformations-Reflections
Grade Level	Grade 3
Booklet	Question Paper

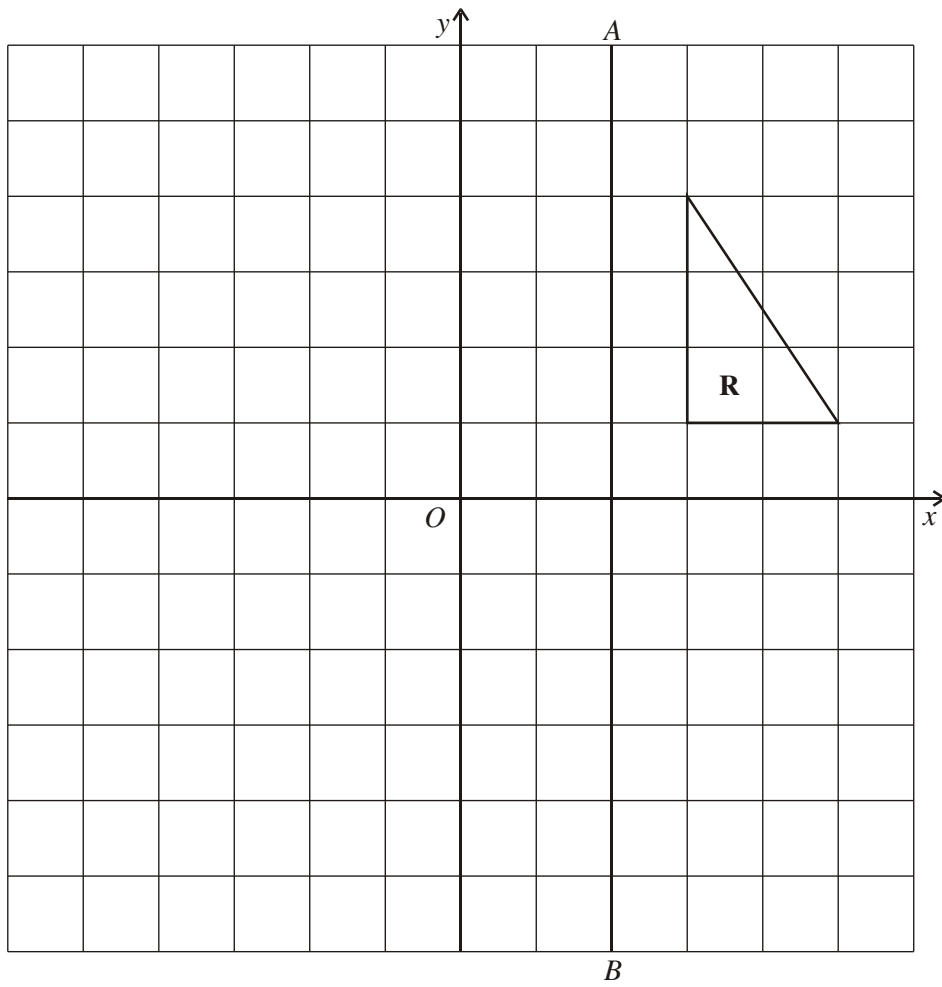
**Time Allowed:** 22 minutes

**Score:** /18

**Percentage:** /100

**Grade Boundaries:**

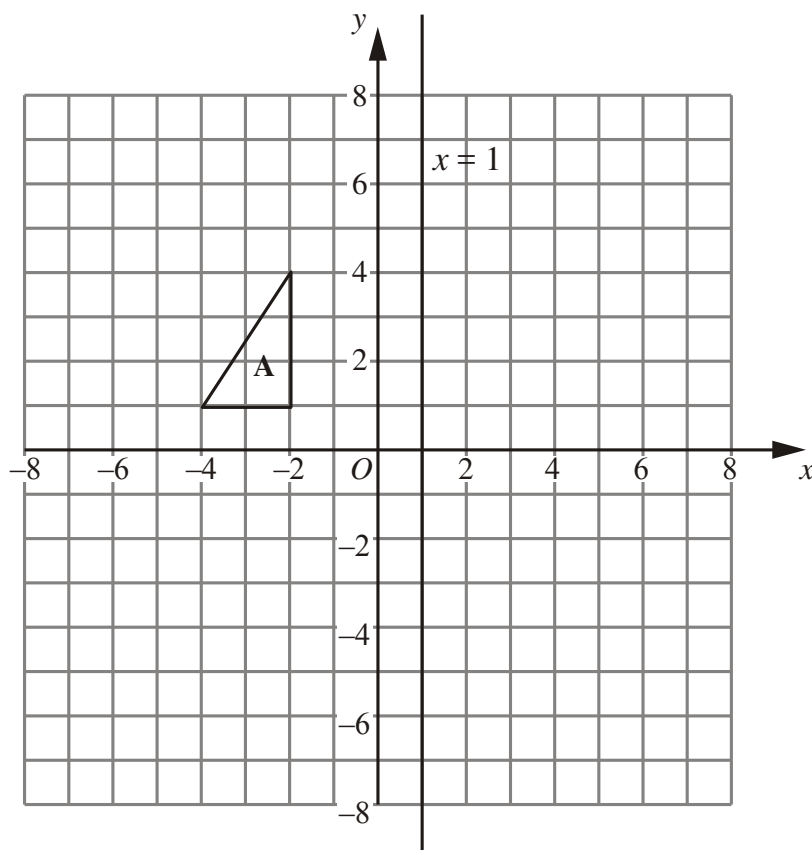
1.



Reflect triangle **R** in the line  $AB$ .  
Label the new triangle **S**.

(2)  
(Total 2 marks)

2.



Triangle **A** is reflected in the  $x$ -axis to give triangle **B**.

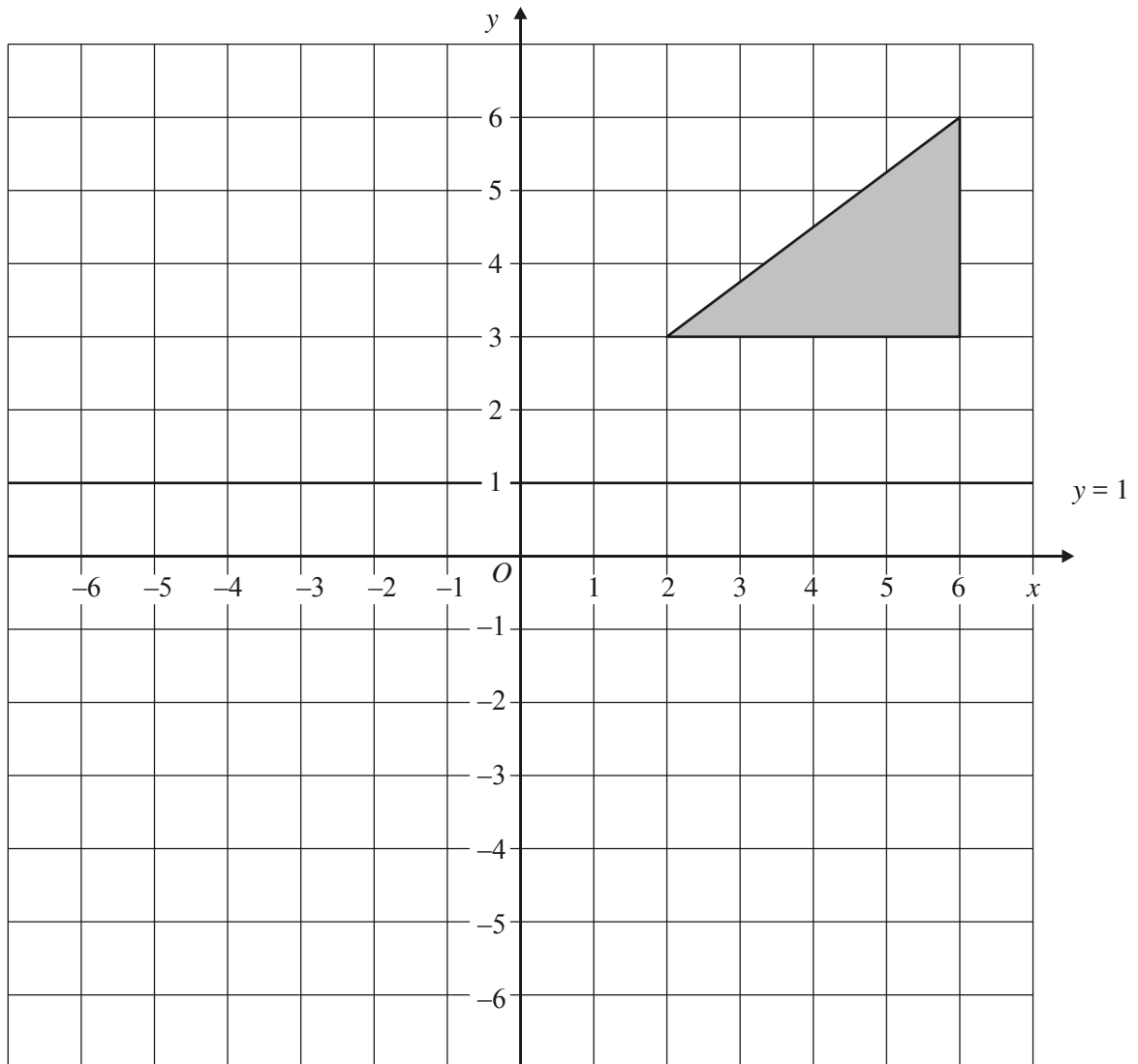
Draw the triangle **B** and label it **B**.

Triangle **B** is reflected in the line  $x = 1$  to give triangle **C**.

Draw the triangle **C** and label it **C**.

**(Total 4 marks)**

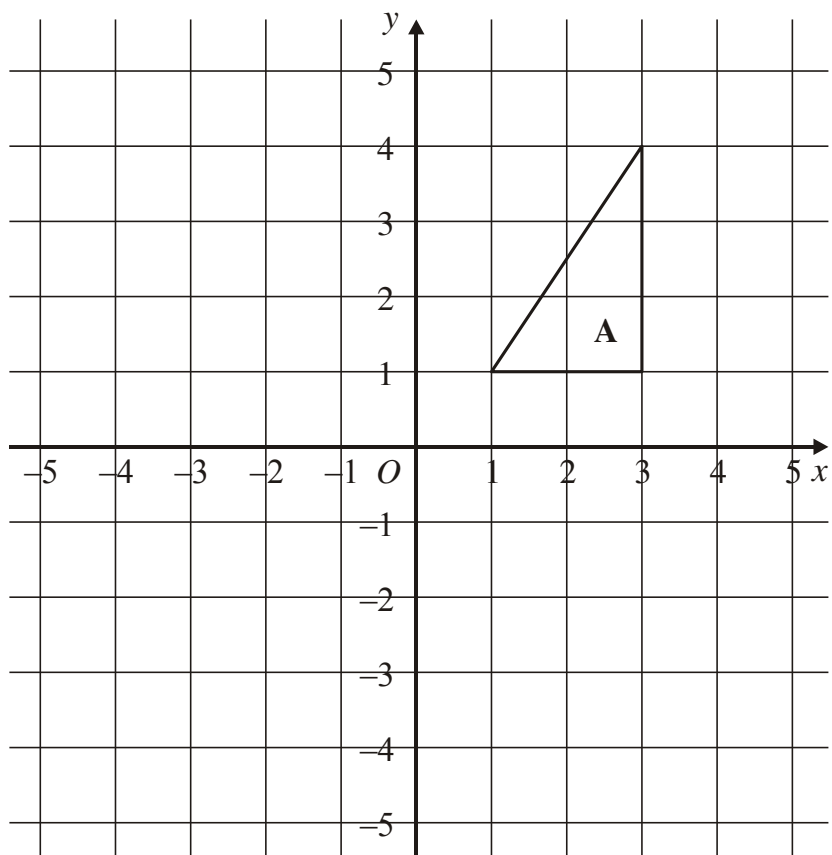
3.



Reflect the triangle in the line  $y = 1$

**(Total 2 marks)**

4.



Triangle **A** is reflected in the  $y$  axis to give triangle **B**.

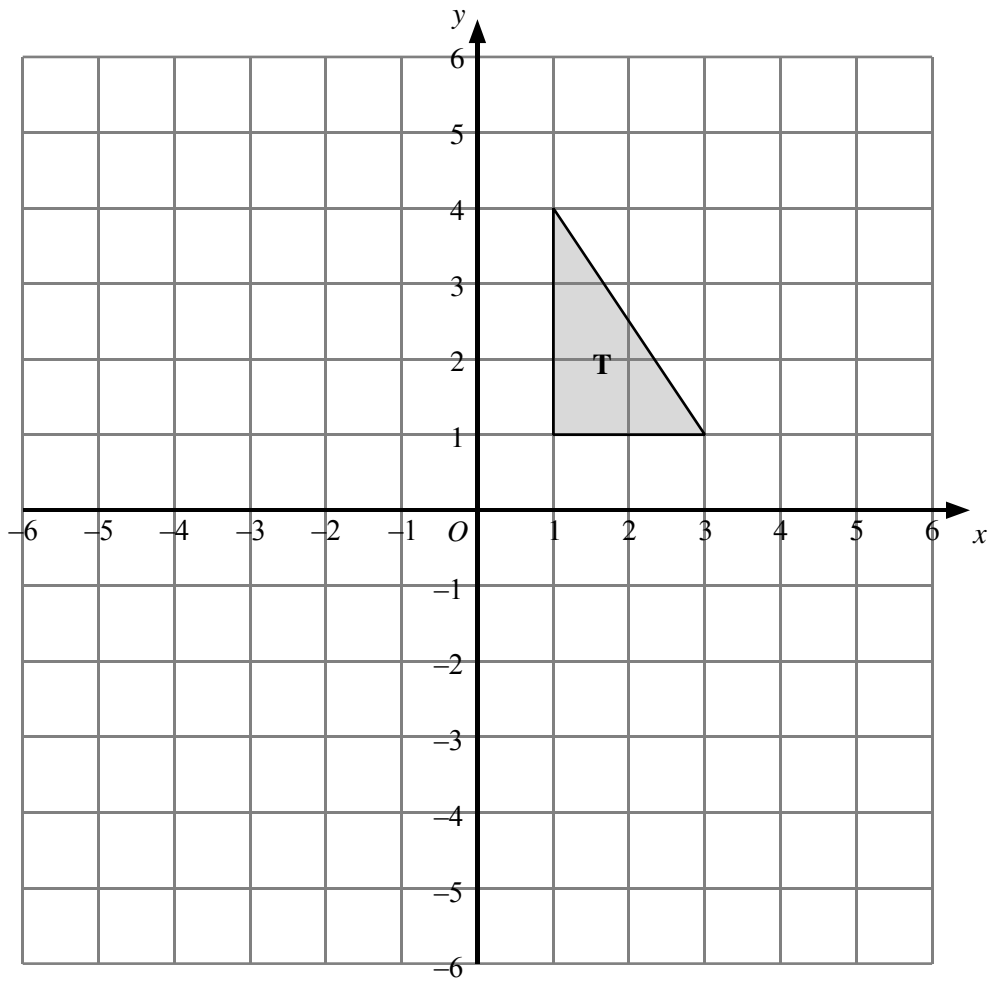
Draw the triangle **B** and label it **B**.

Triangle **B** is then reflected in the  $x$  axis to give triangle **C**.

Draw the triangle **C** and label it **C**.

**(Total 4 marks)**

5.



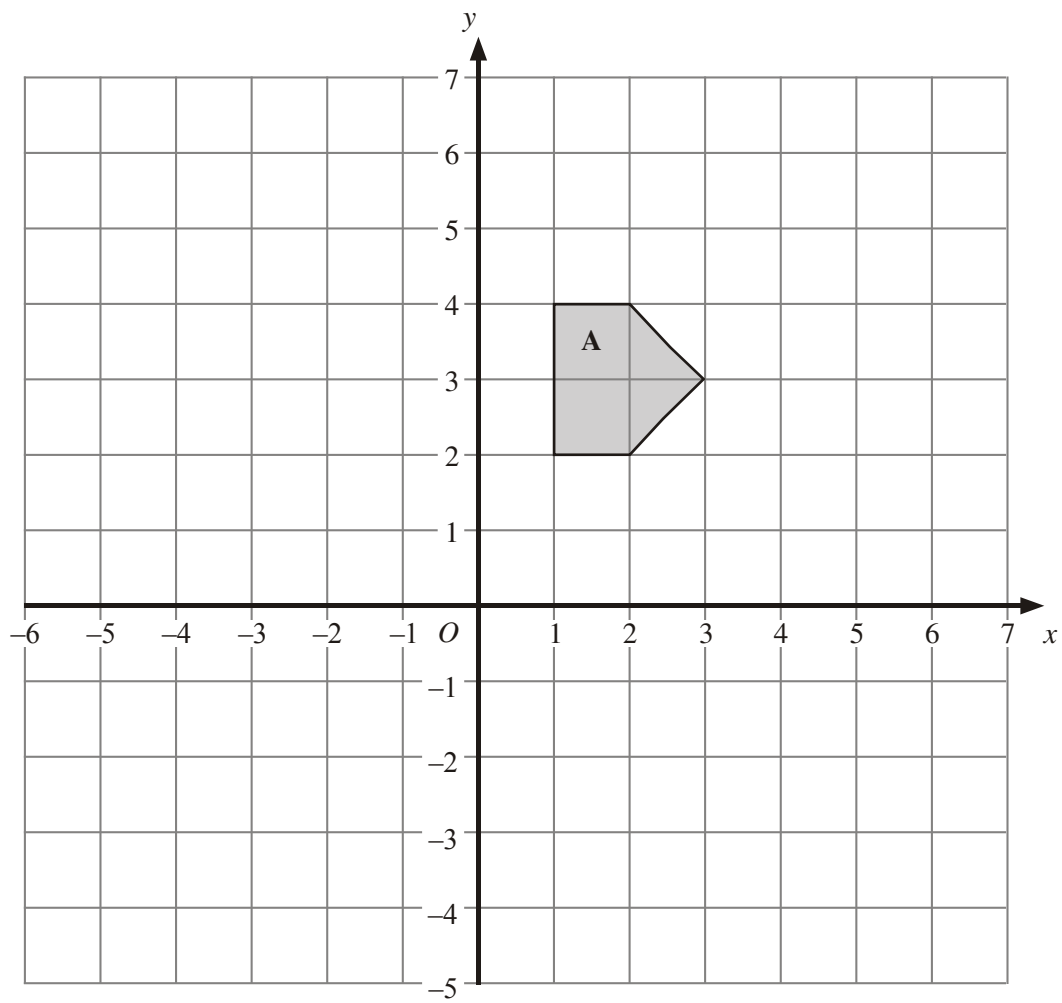
Triangle **T** has been drawn on the grid.

Reflect triangle **T** in the y-axis.  
Label the new triangle **A**.

(2)

(Total 2 marks)

6.



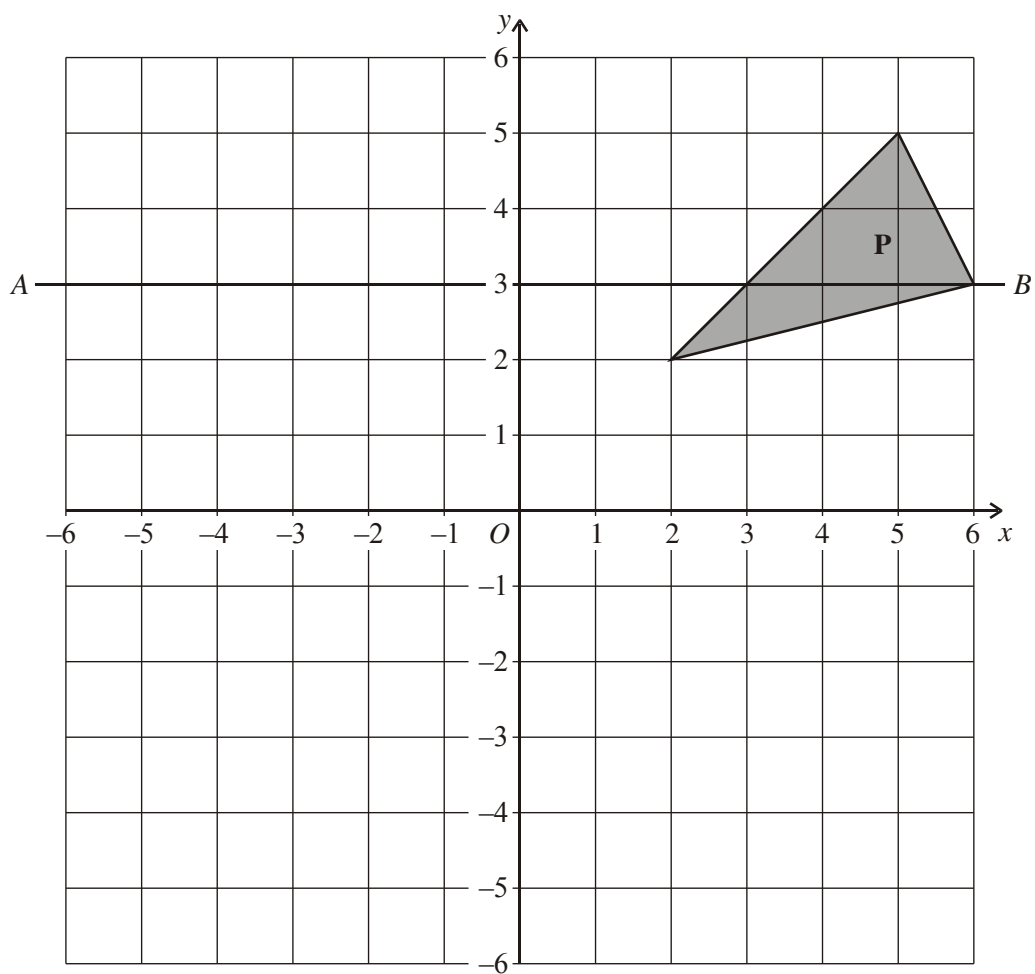
Reflect Shape **A** in the  $y$  axis.

Label your new shape **B**.

(2)

(Total 2 marks)

7.



On the grid, reflect triangle **P** in the  $y$ -axis.

Label the new shape, **Q**.

(1)

The line  $AB$  is drawn on the grid.

(b) On the grid, reflect triangle **P** in the line  $AB$ .  
Label the new shape, **R**.

(1)

(Total 2 marks)