

Transformations-Reflections

Mark Scheme

Level	GCSE
Subject	Maths
Exam Board	Edexcel GCSE
Topic	Transformations-Reflections
Grade Level	Grade 3
Booklet	Mark Scheme

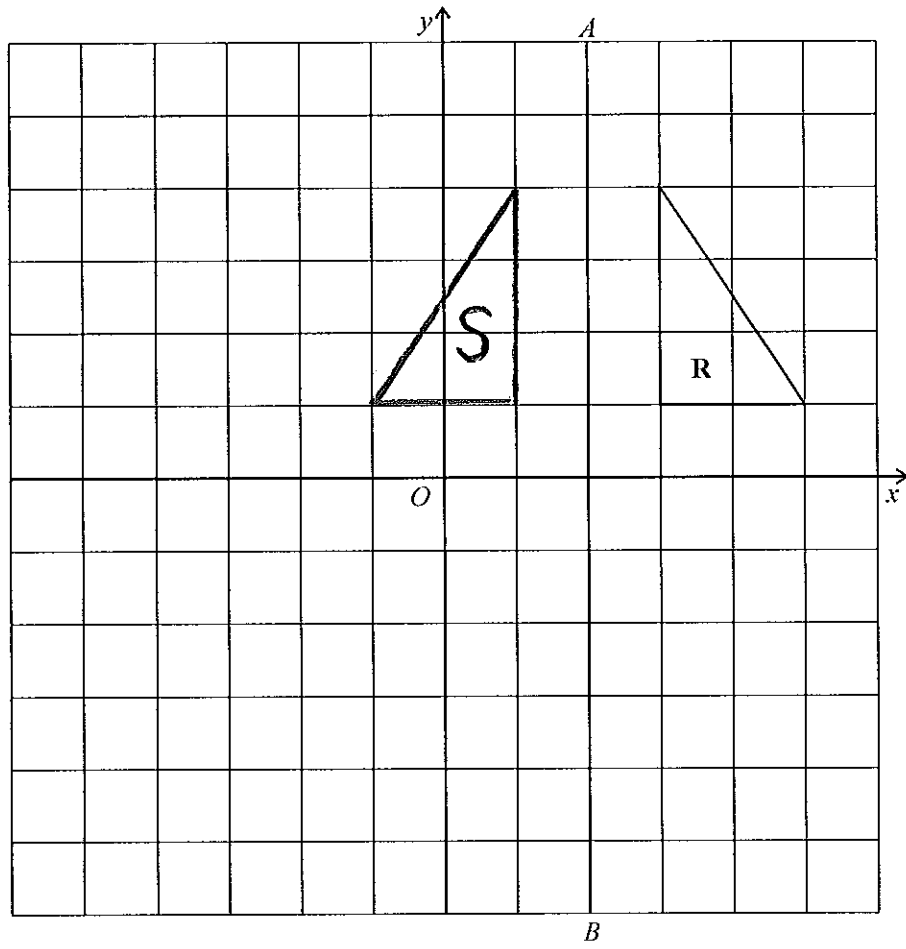
Time Allowed: 22 minutes

Score: /18

Percentage: /100

Grade Boundaries:

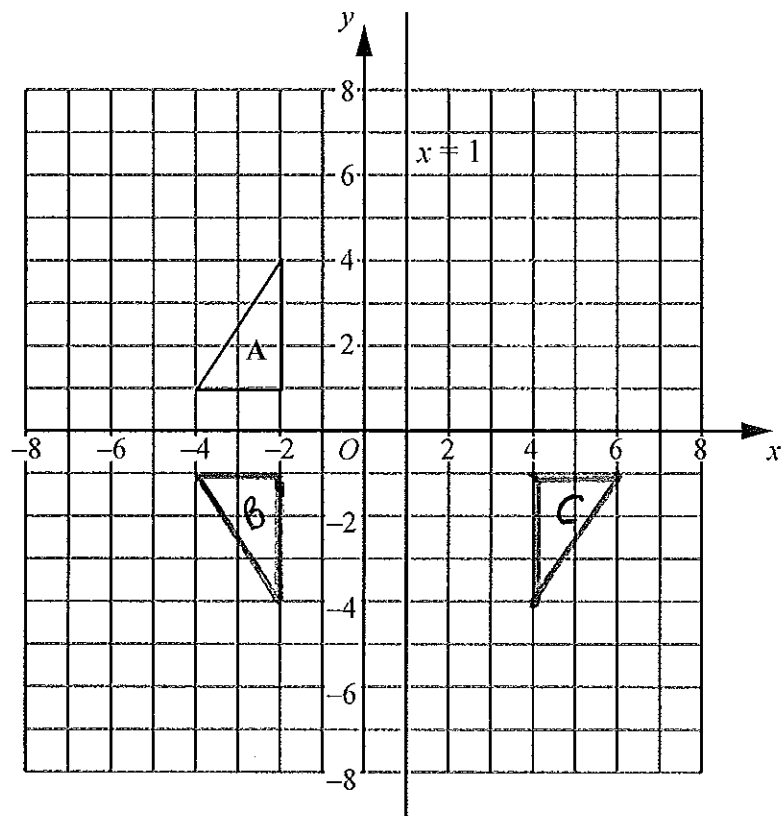
1.



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**.

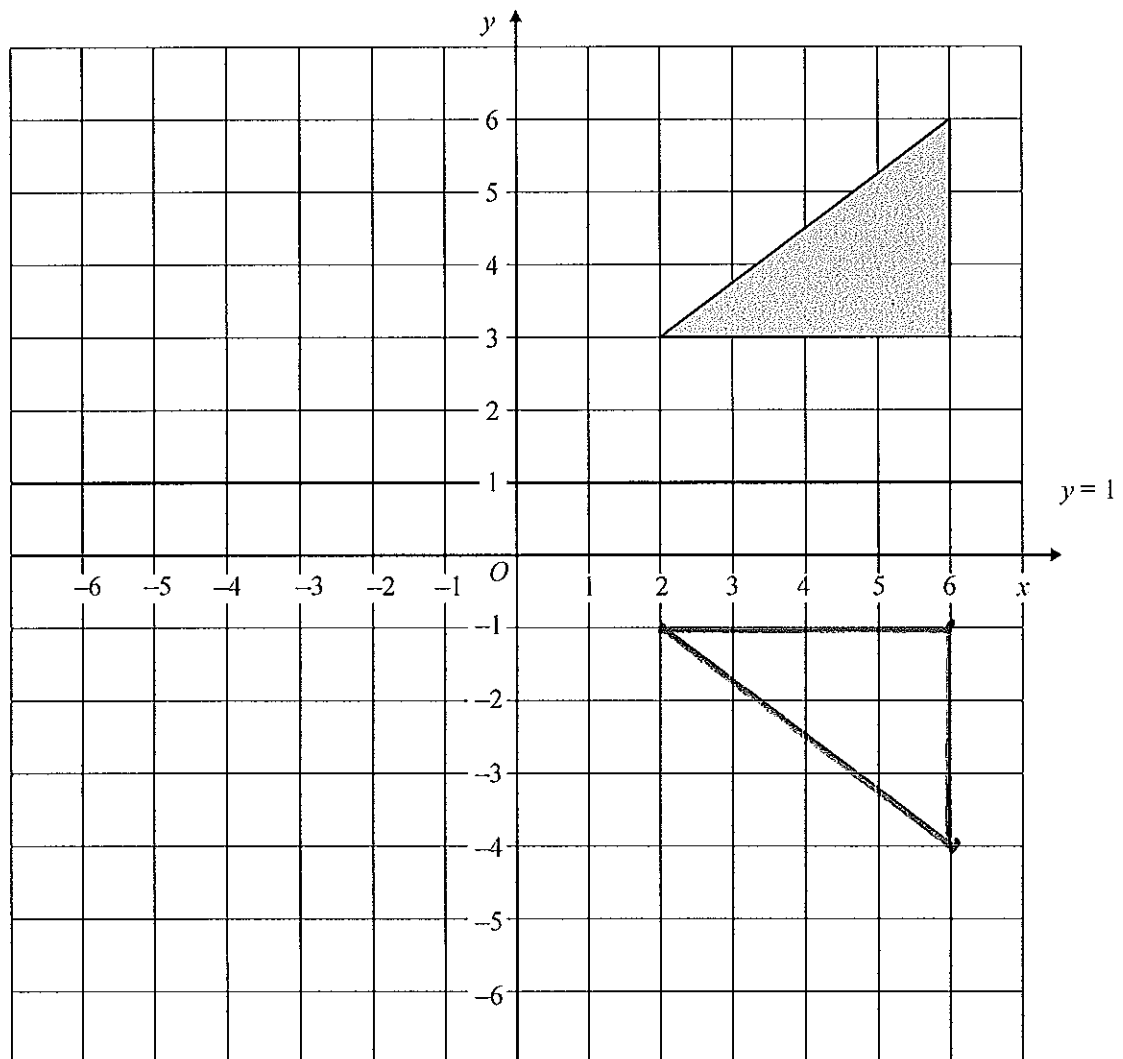
Draw the triangle **B** and label it **B**.

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

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

(Total 4 marks)

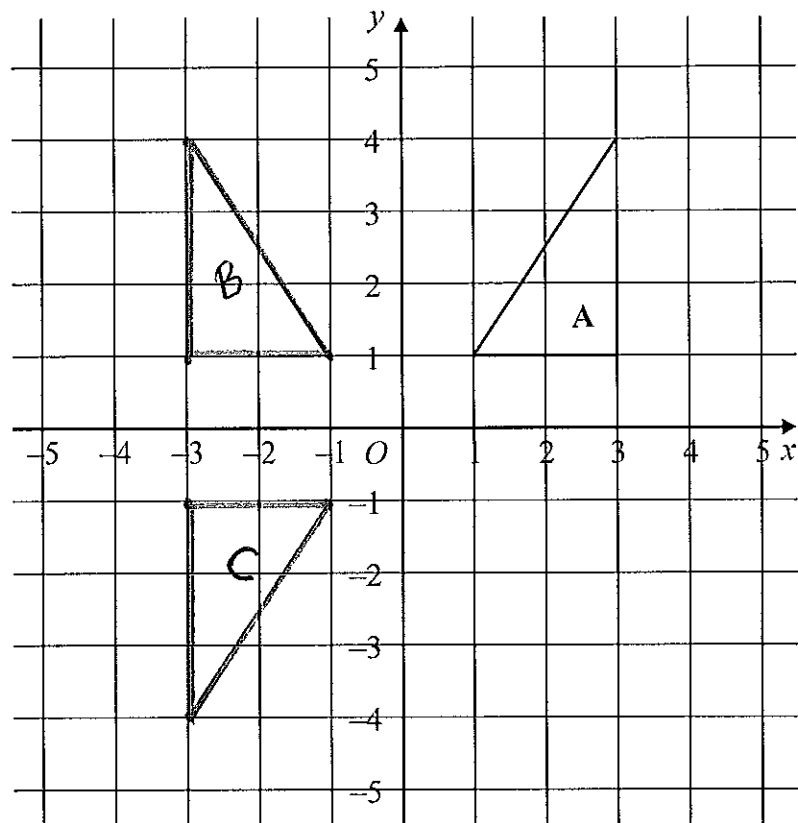
3.



Reflect the triangle in the line $y = 1$

(Total 2 marks)

4.



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

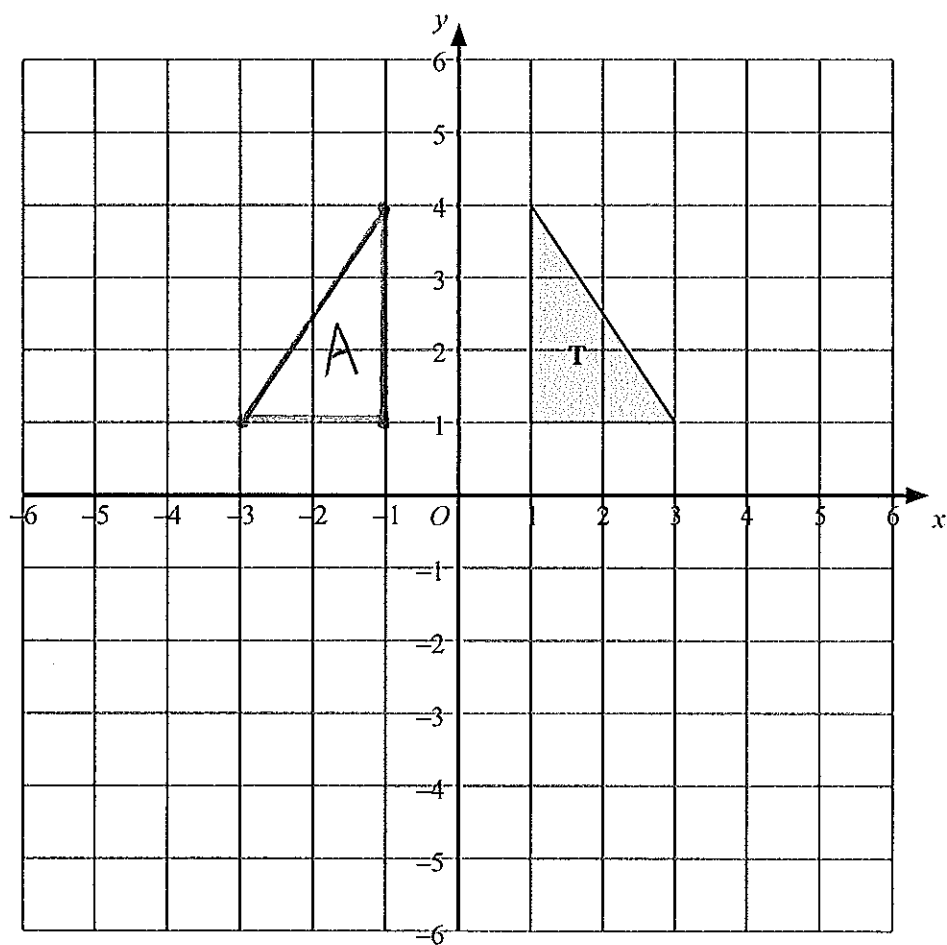
Draw the triangle **B** and label it **B**.

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.

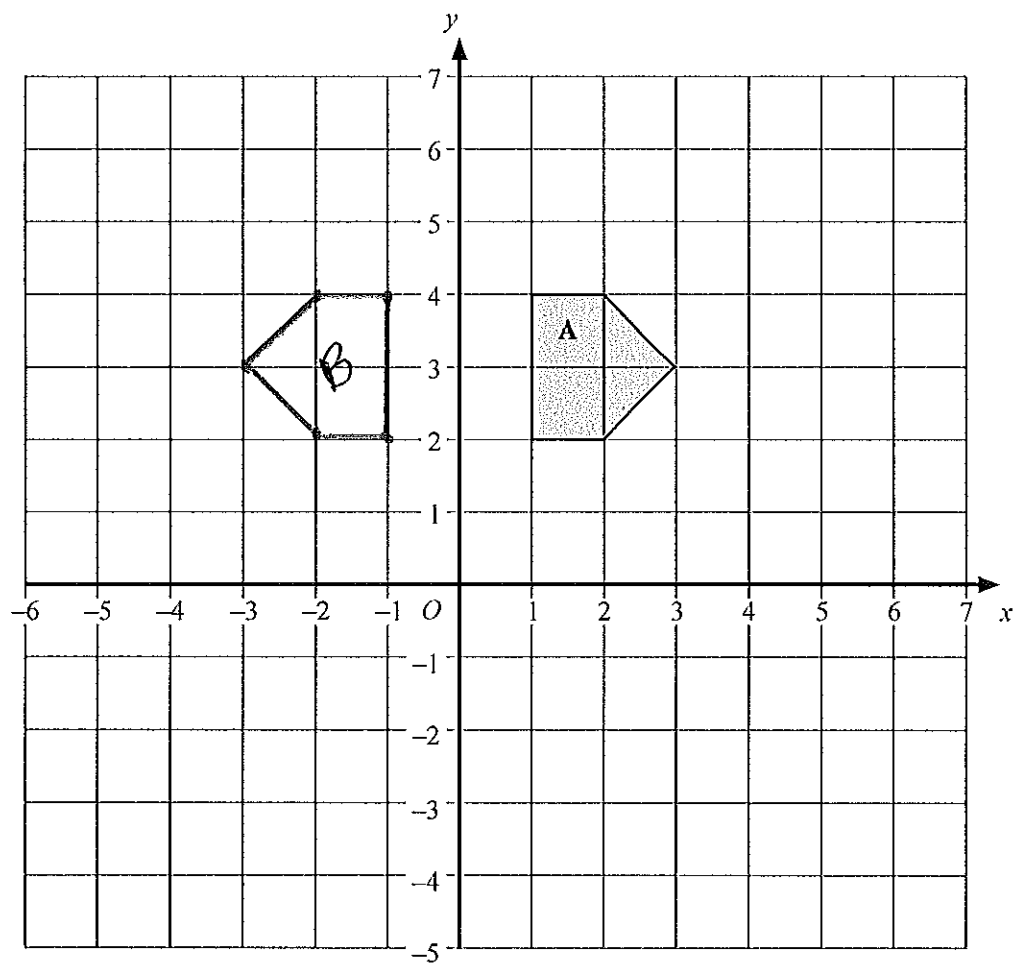
Reflect triangle T in the y -axis.

Label the new triangle A.

(2)

(Total 2 marks)

6.



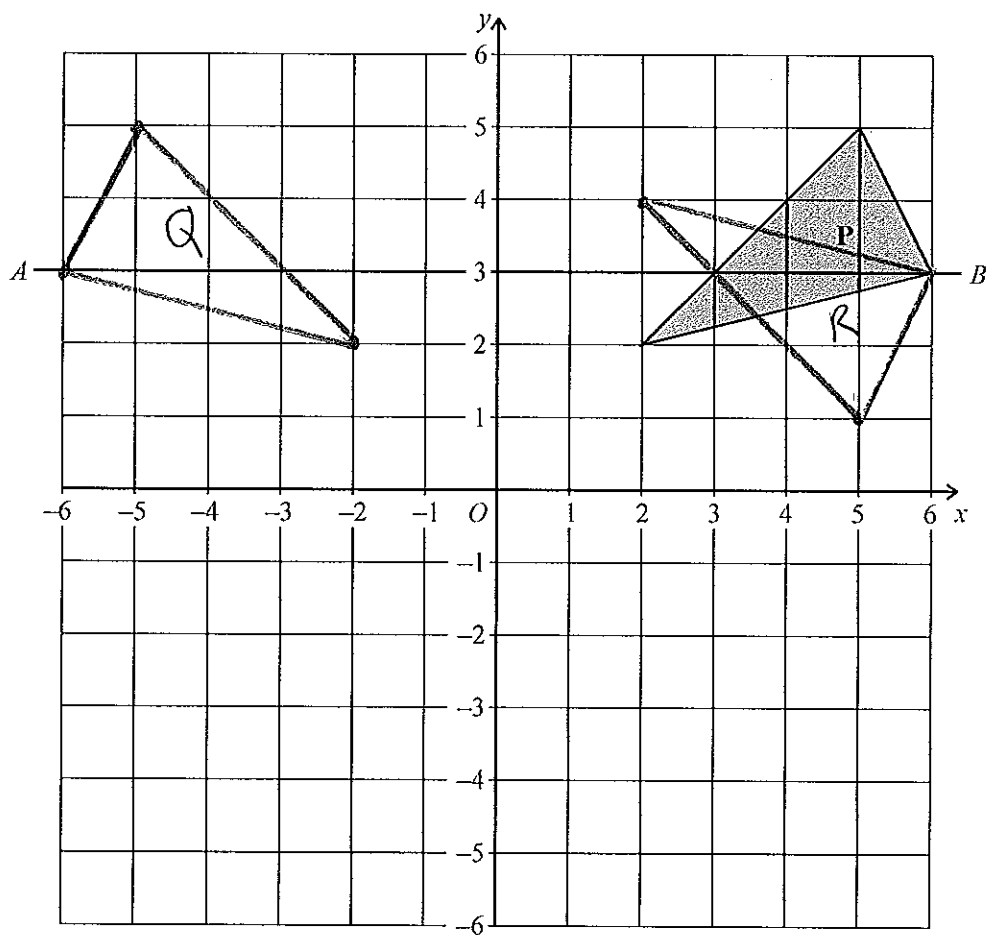
Reflect Shape A in the y axis.

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)