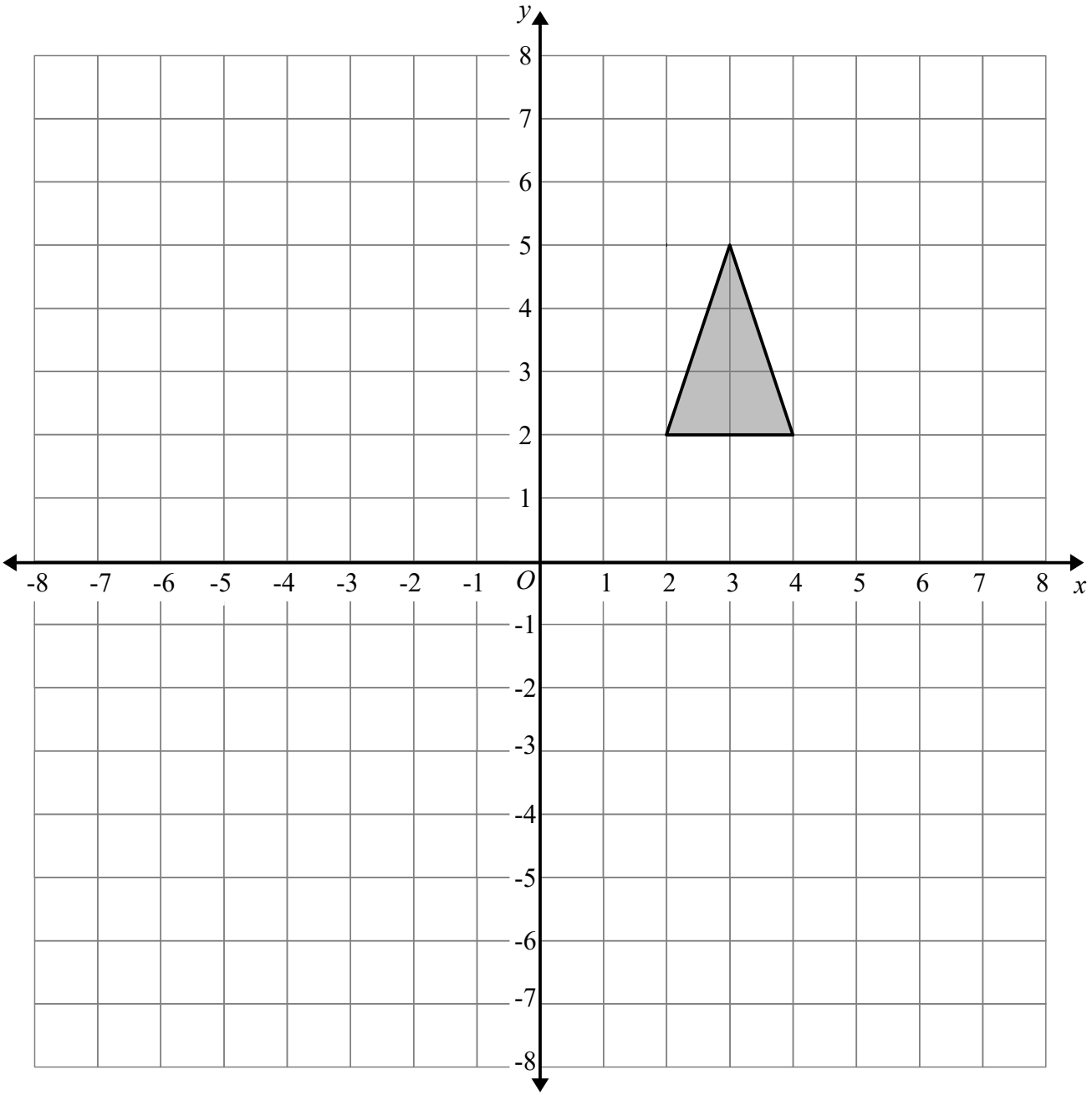
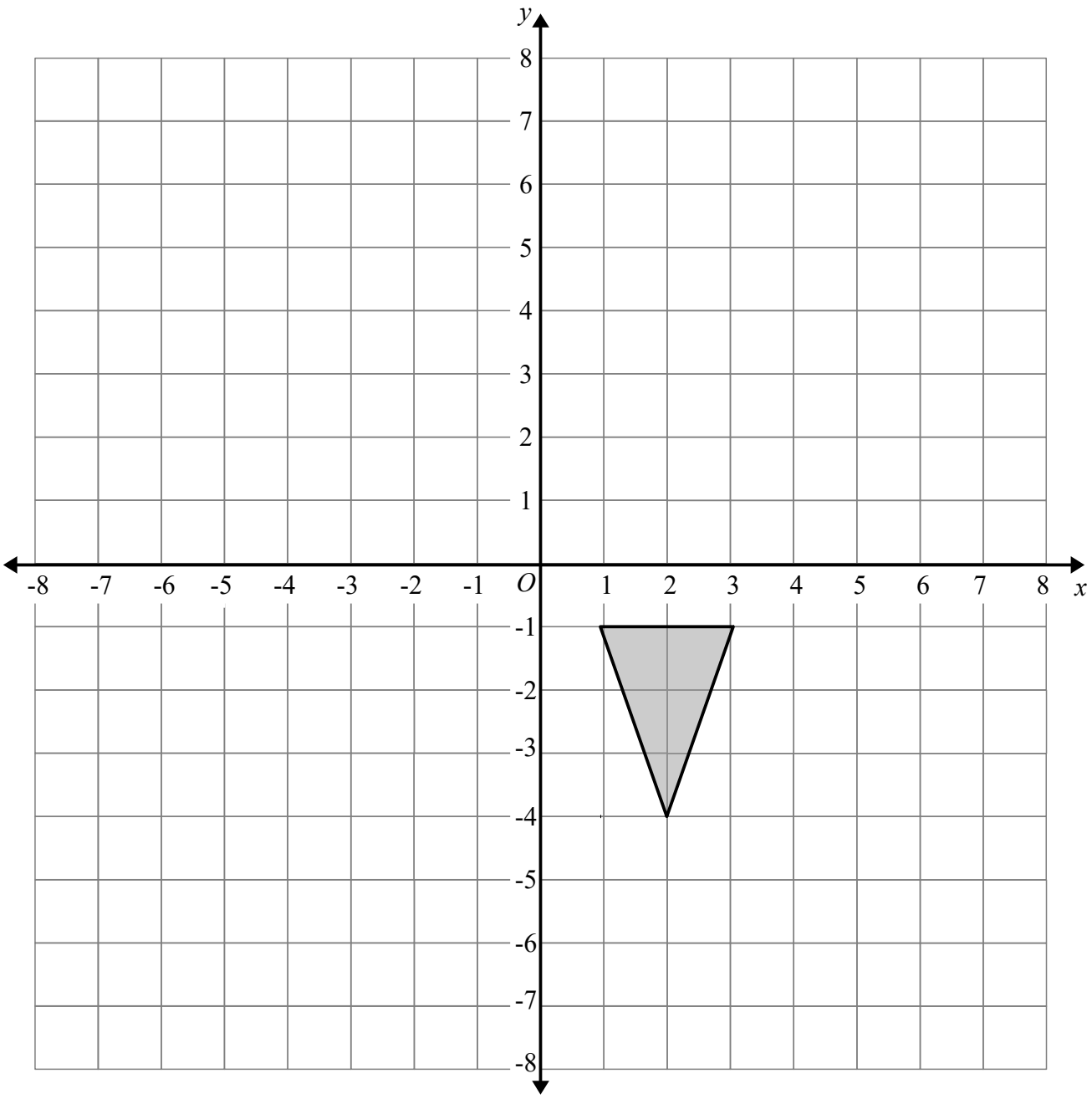
**1**




On the grid, enlarge the triangle by scale factor -2. centre (0,1)

**(Total for Question 1 is 2 marks)**

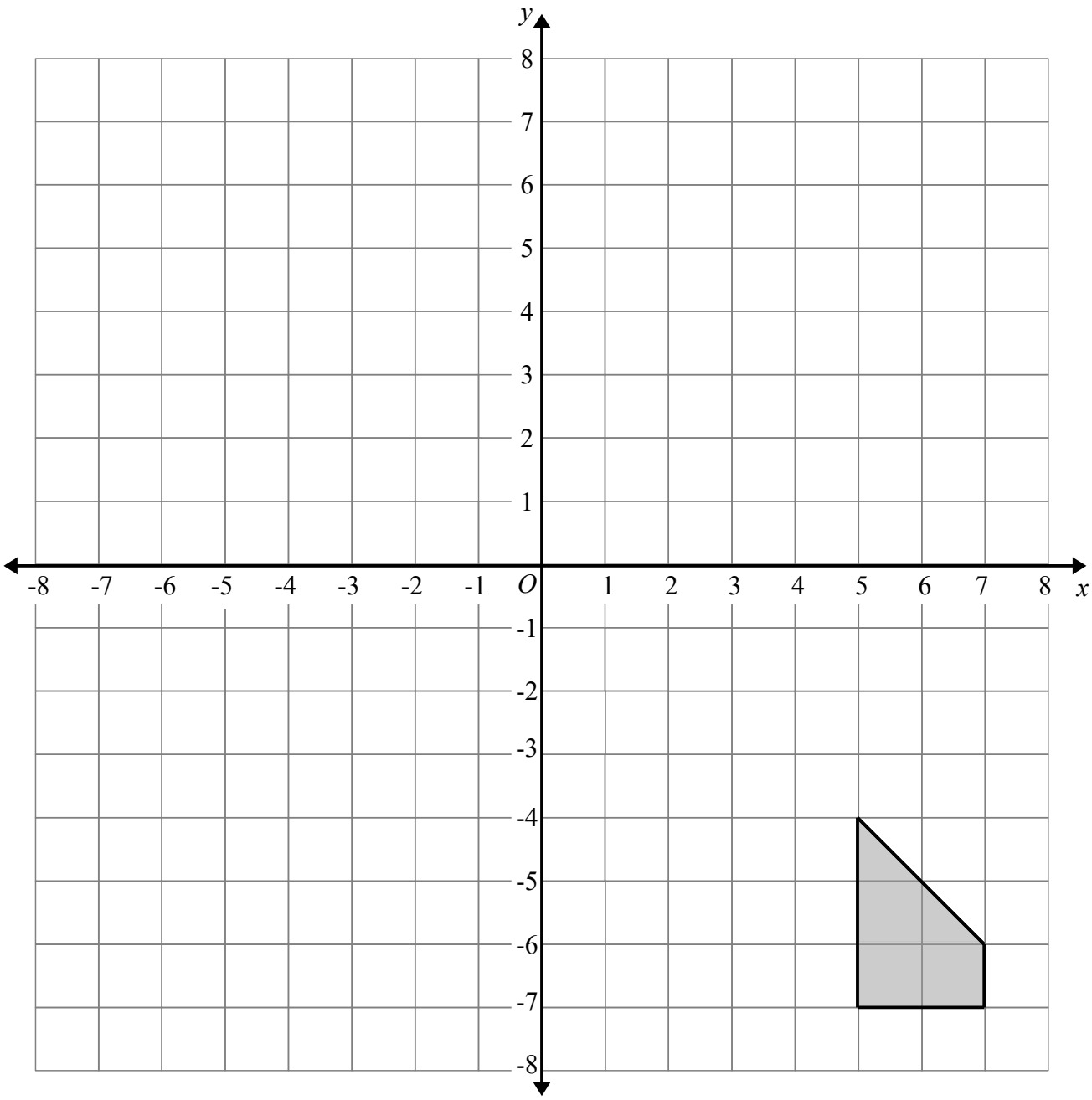
**2**




On the grid, enlarge the triangle by scale factor -2. centre *O*

**(Total for Question 2 is 2 marks)**

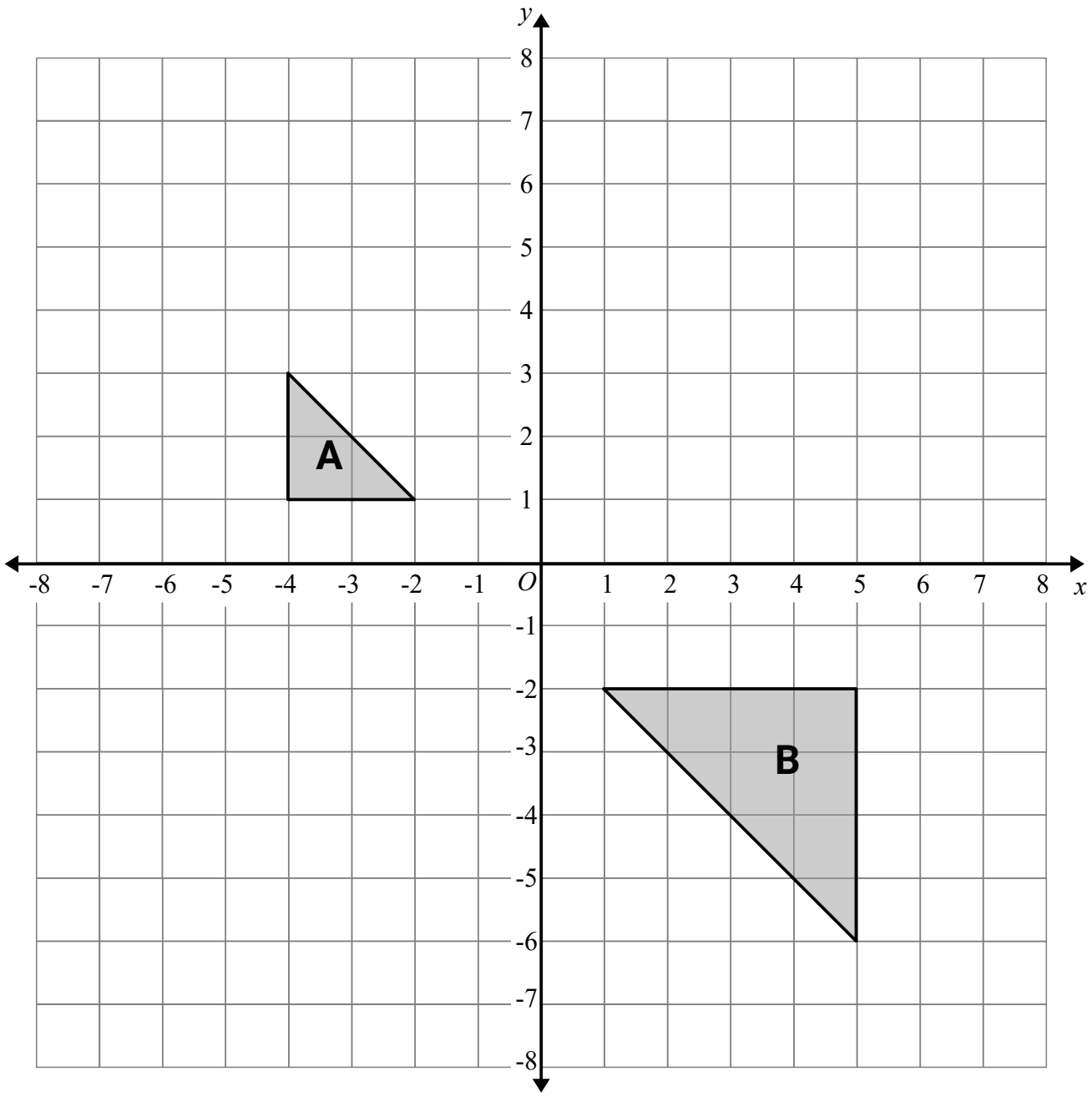
**3**




On the grid, enlarge the shape by scale factor -3. centre (4,-4)

**(Total for Question 3 is 2 marks)**

**4**




Describe fully the single transformation which maps triangle A onto triangle B.

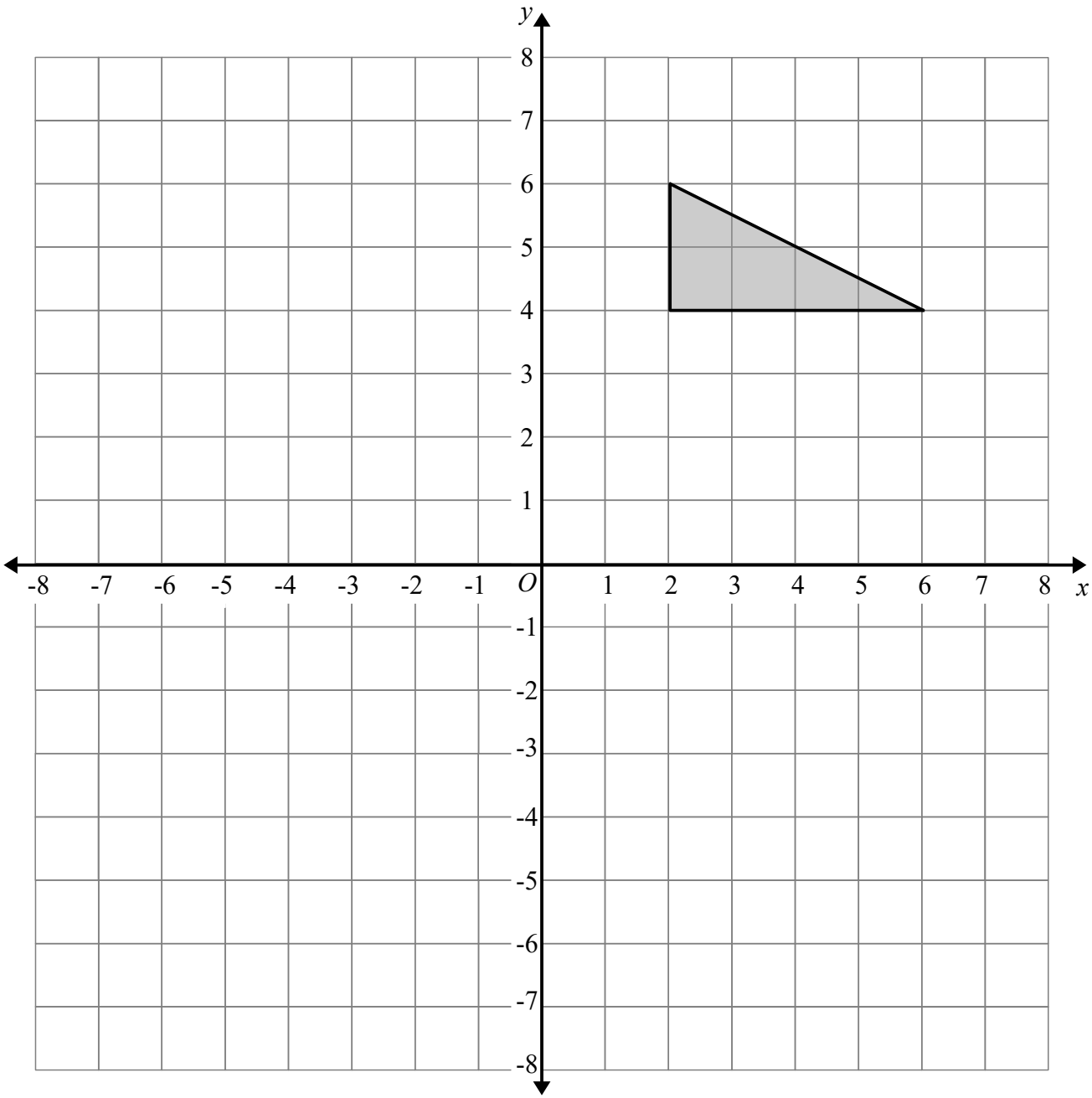
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**(Total for Question 4 is 2 marks)**

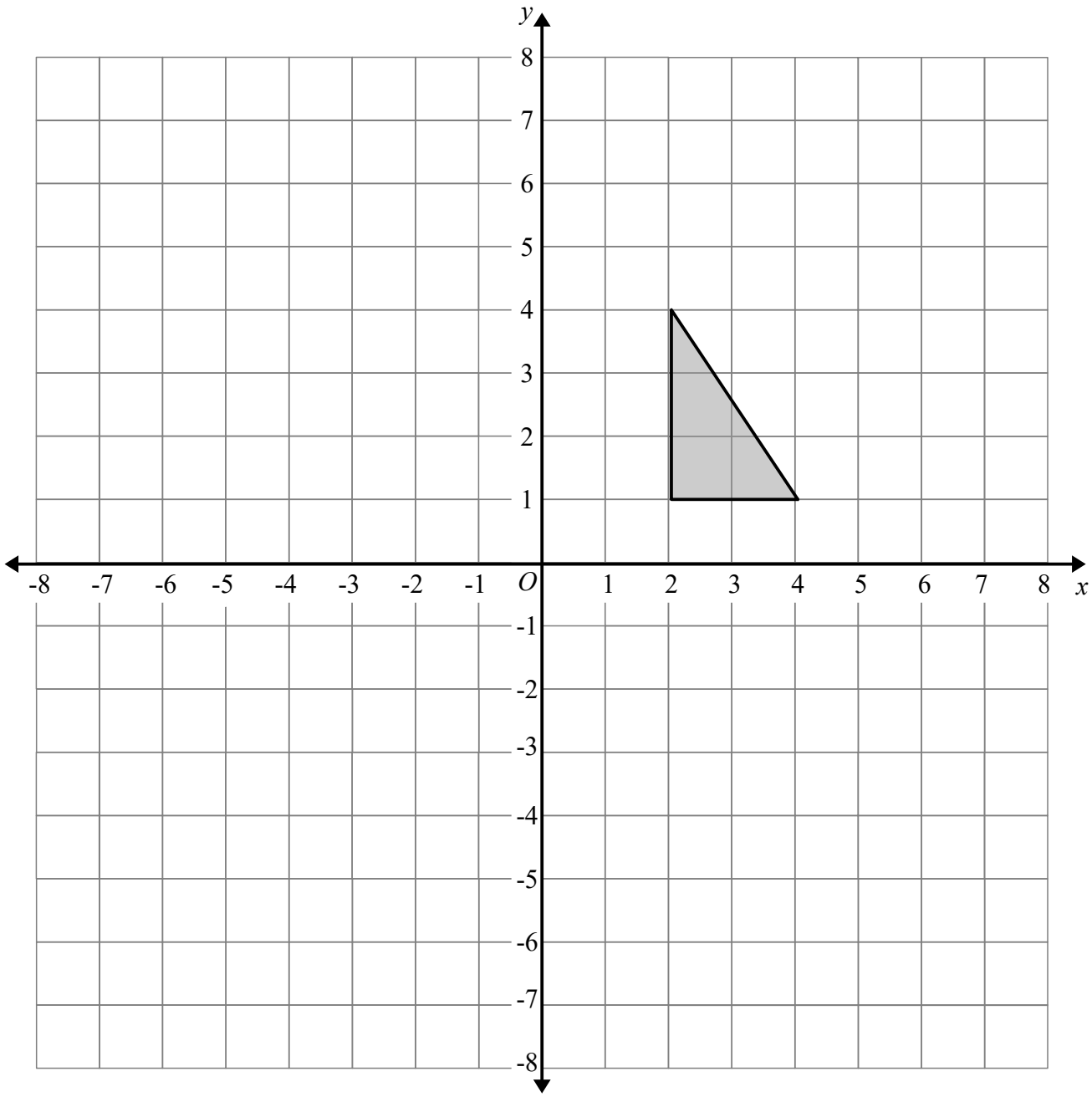
**5**




On the grid, enlarge the triangle by scale factor -0.5. centre (0,2)

**(Total for Question 5 is 2 marks)**

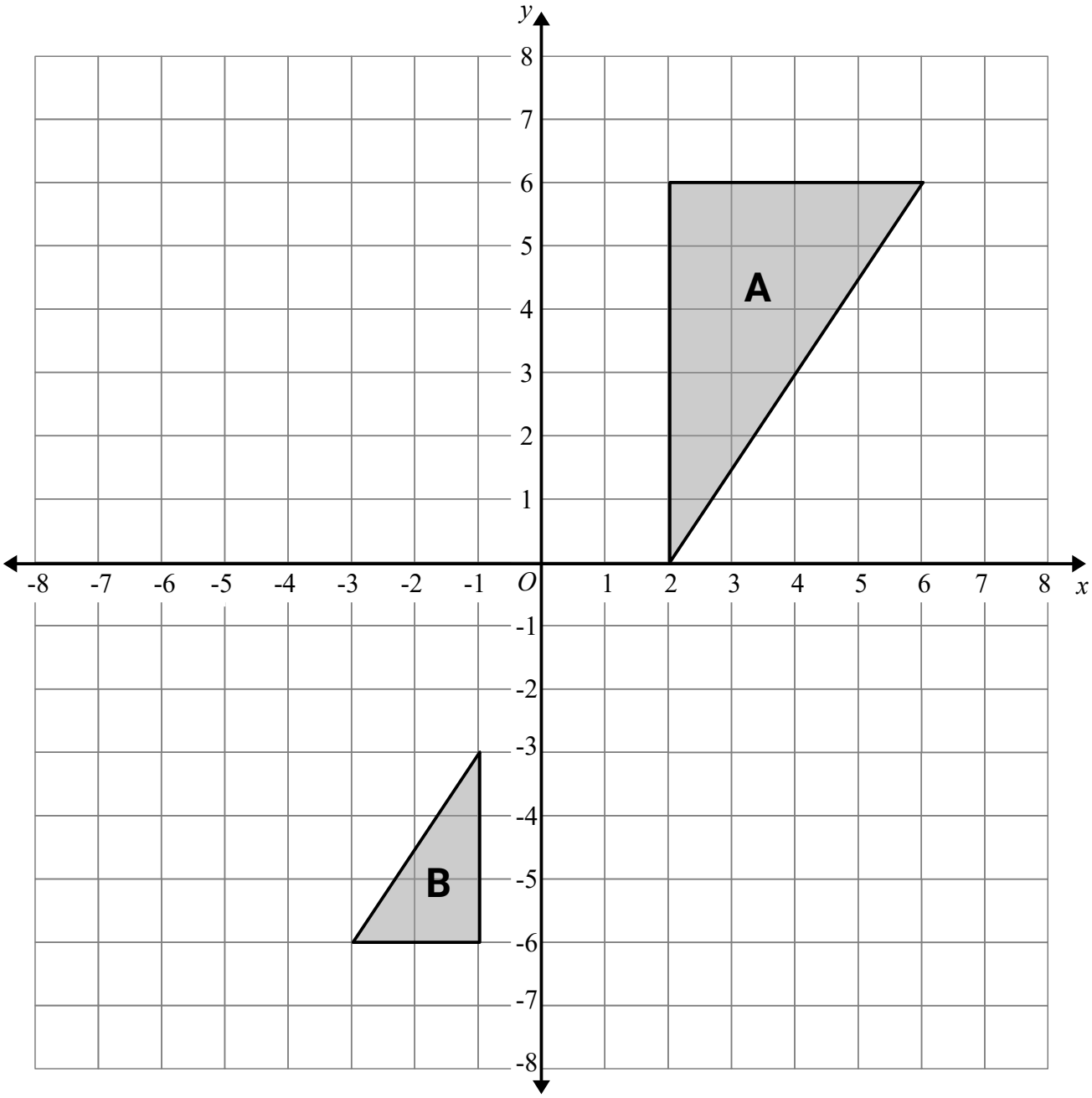
**6**




On the grid, enlarge the triangle by scale factor -1.5. centre *O*.

**(Total for Question 6 is 2 marks)**

7




Describe fully the single transformation which maps triangle A onto triangle B.

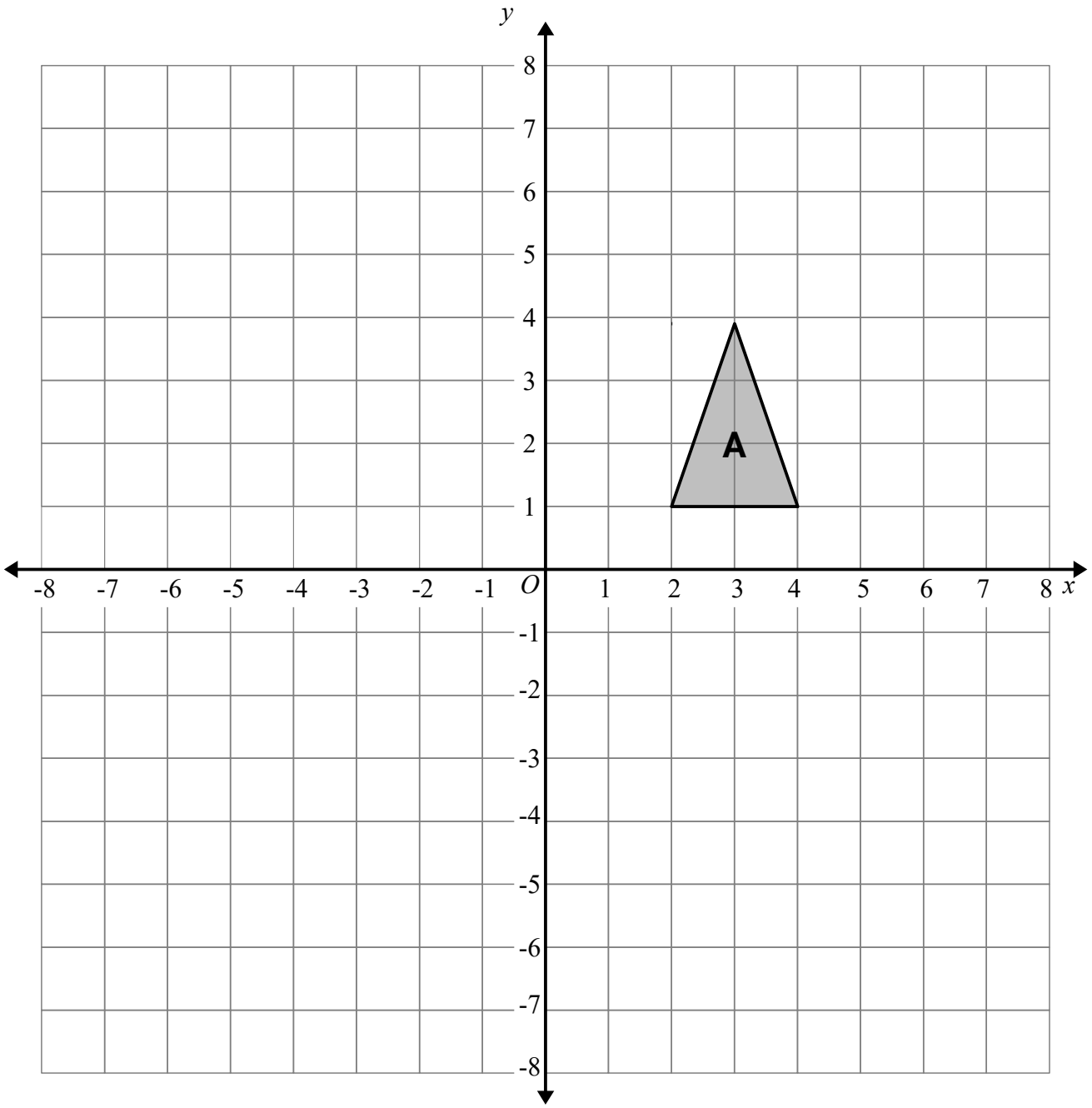
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**(Total for Question 7 is 2 marks)**

**8**




Shape **A** is reflected in the line $x = -1$ to give shape **B**.
Shape **B** is reflected in the line $y = -2$ to give shape **C**.

Describe the **single** transformation that will map shape **A** to shape **C**.

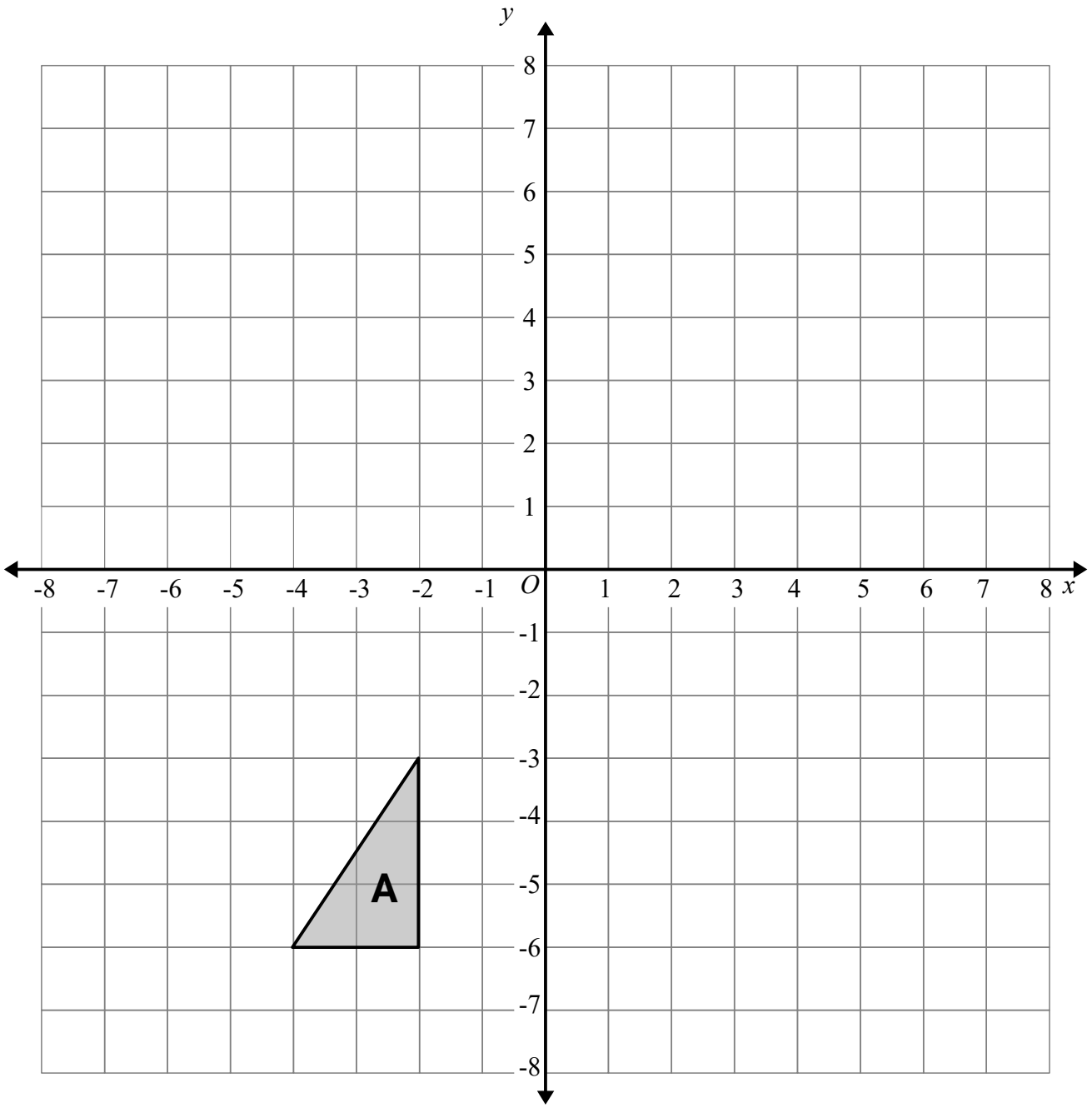
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…….....

**(Total for Question 8 is 2 marks)**

**9**




Shape **A** is reflected in the line $x = 1$ to give shape **B**.
Shape **B** is reflected in the line $y = -1$ to give shape **C**.

Describe the **single** transformation that will map shape **A** to shape **C**.

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**(Total for Question 9 is 2 marks)**