

Surname	
Other Names	
Candidate's Signature	

GCSE 9 - 1 Questions

Reflection

Calculator Not Allowed

INSTRUCTIONS TO CANDIDATES

Write your name in the space provided.

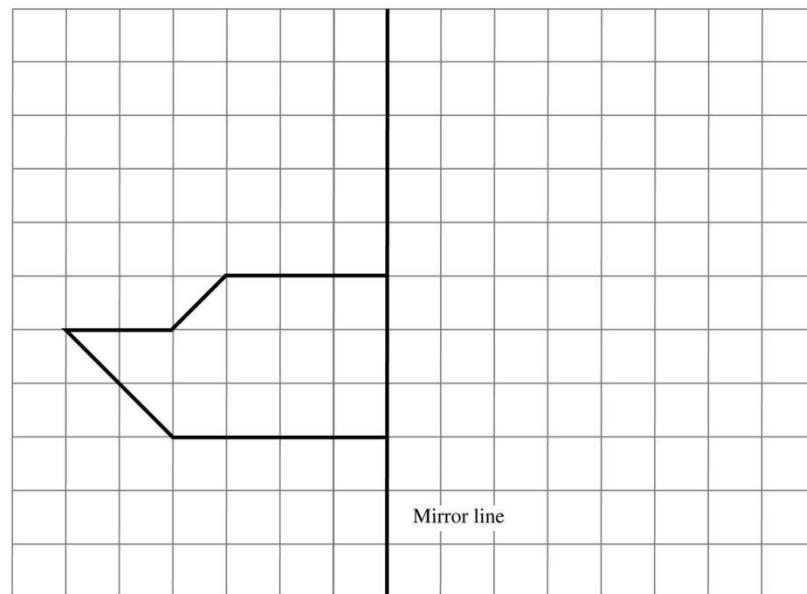
Write your answers in the spaces provided in this question paper.

Answer ALL questions.

Any working should be clearly shown in the spaces provided since marks may be awarded for partially correct solutions.

Total Marks :

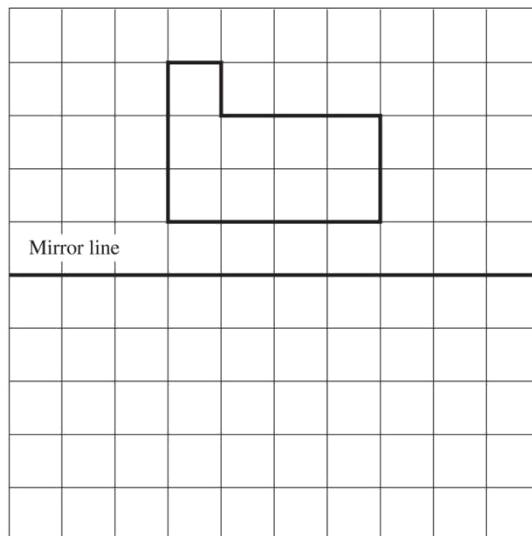
1) (a)



Draw the reflection in the mirror line of the given shape.

[2]

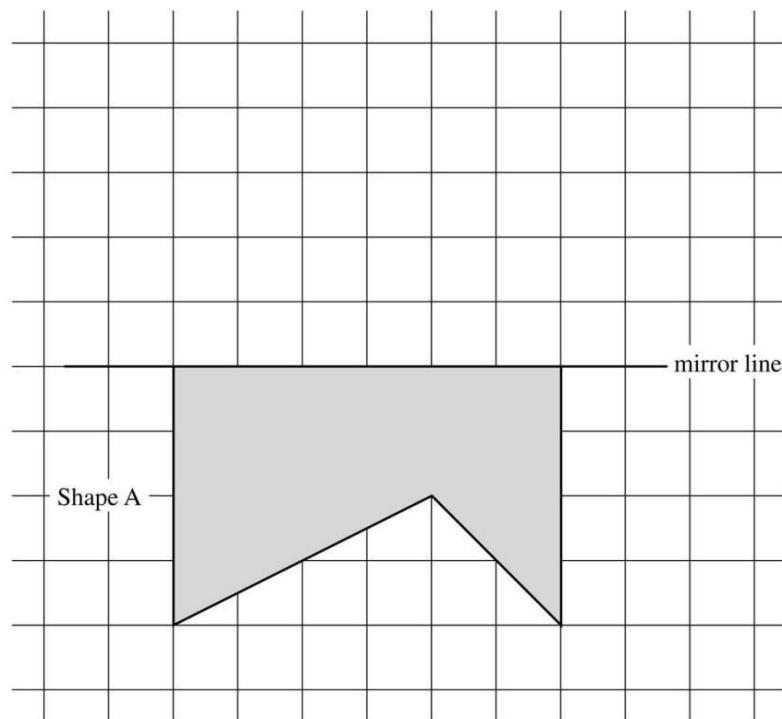
(b)



A shape is drawn on the grid. Draw the reflection of the shape in the mirror line.

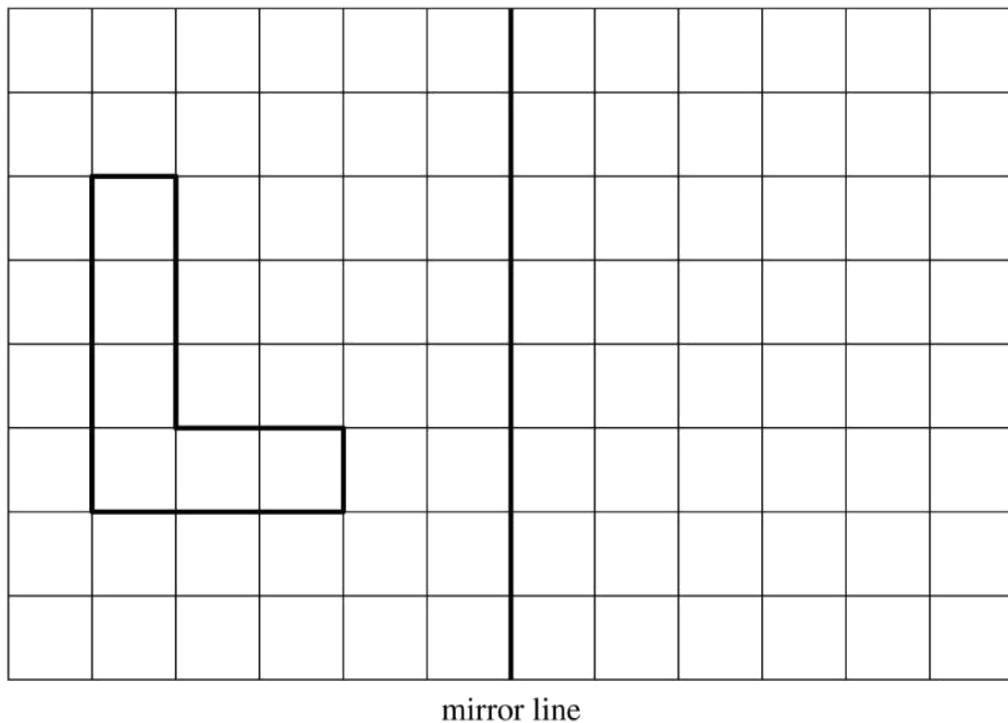
[2]

- 2) Draw the reflection of shape A in the mirror line.



[2]

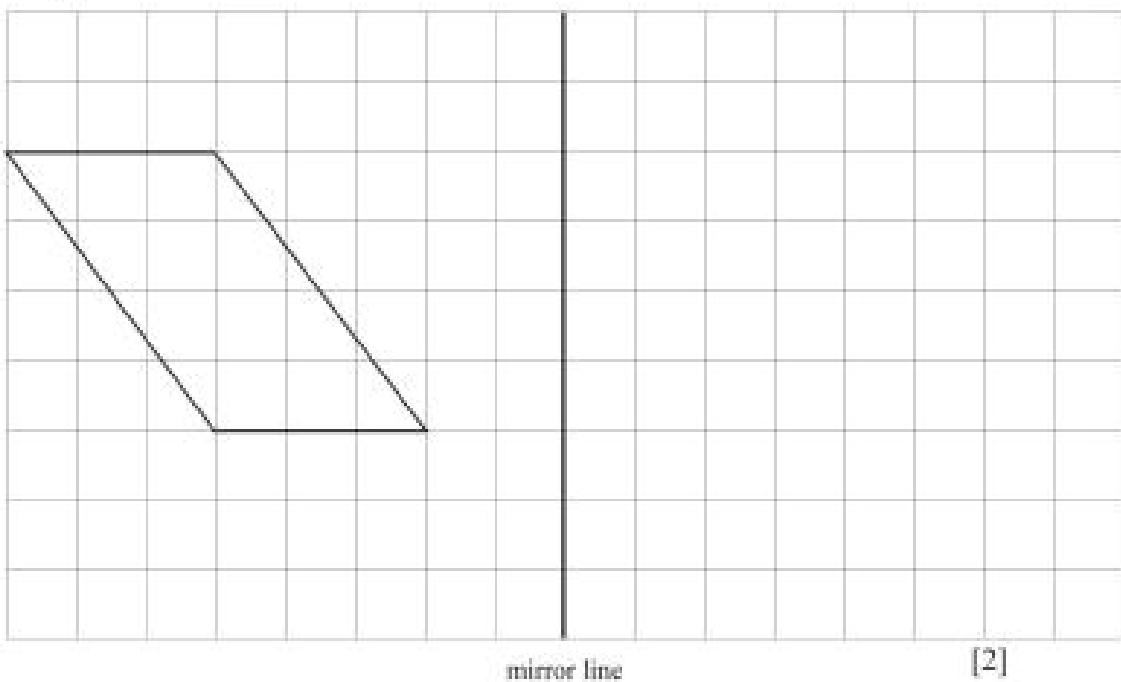
- 3) Draw the reflection of the letter L in the mirror line.



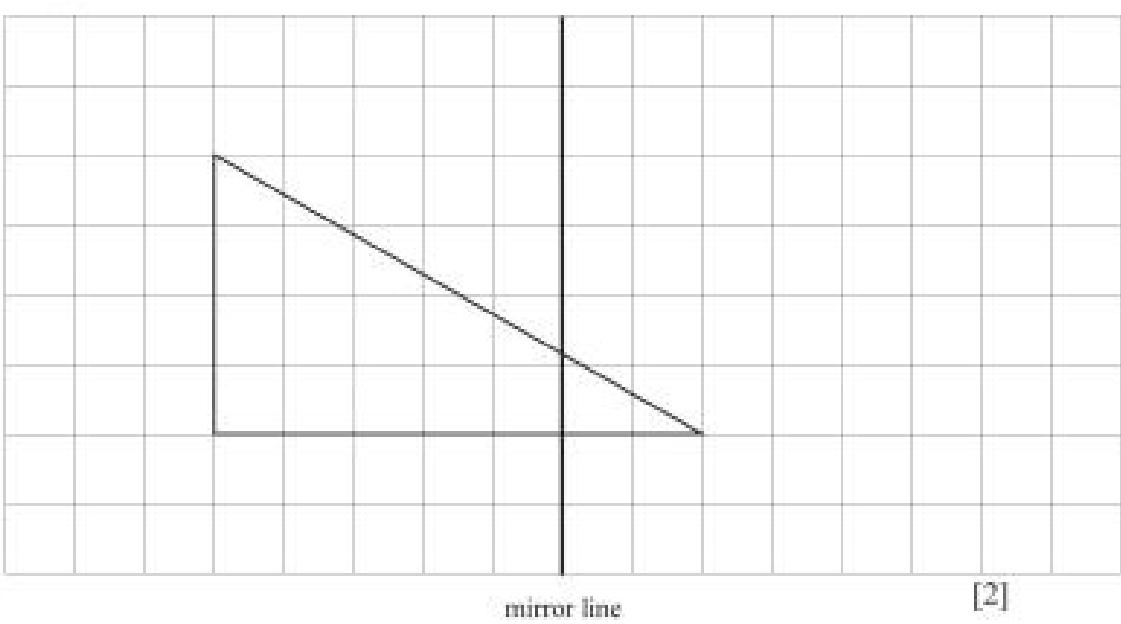
[2]

- 4) Reflect each of the shapes in the mirror line.

(a)

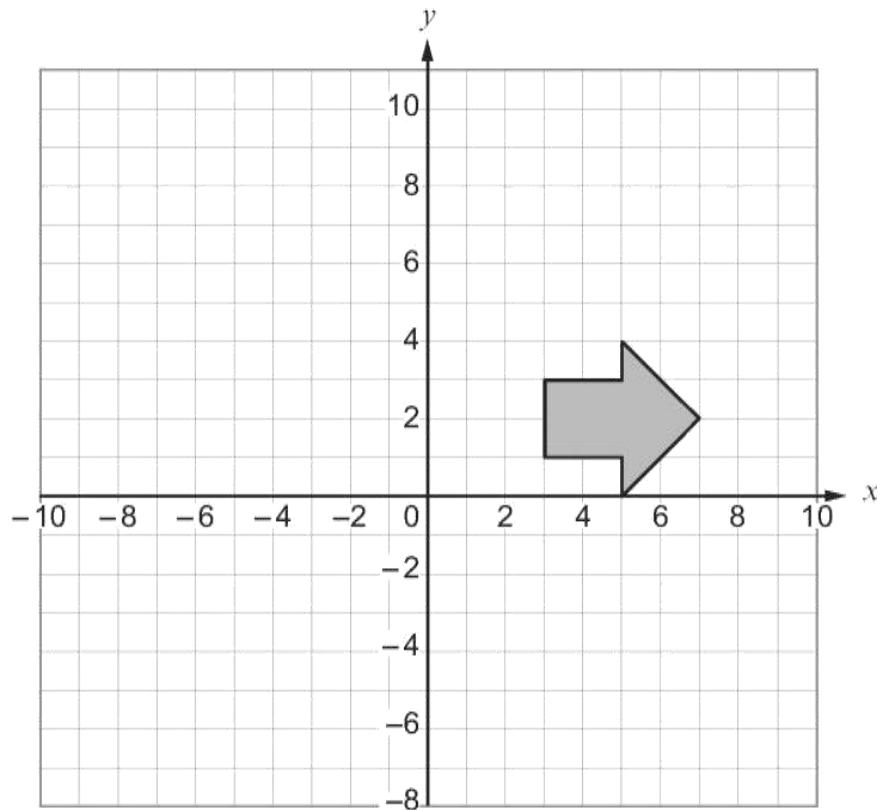


(b)

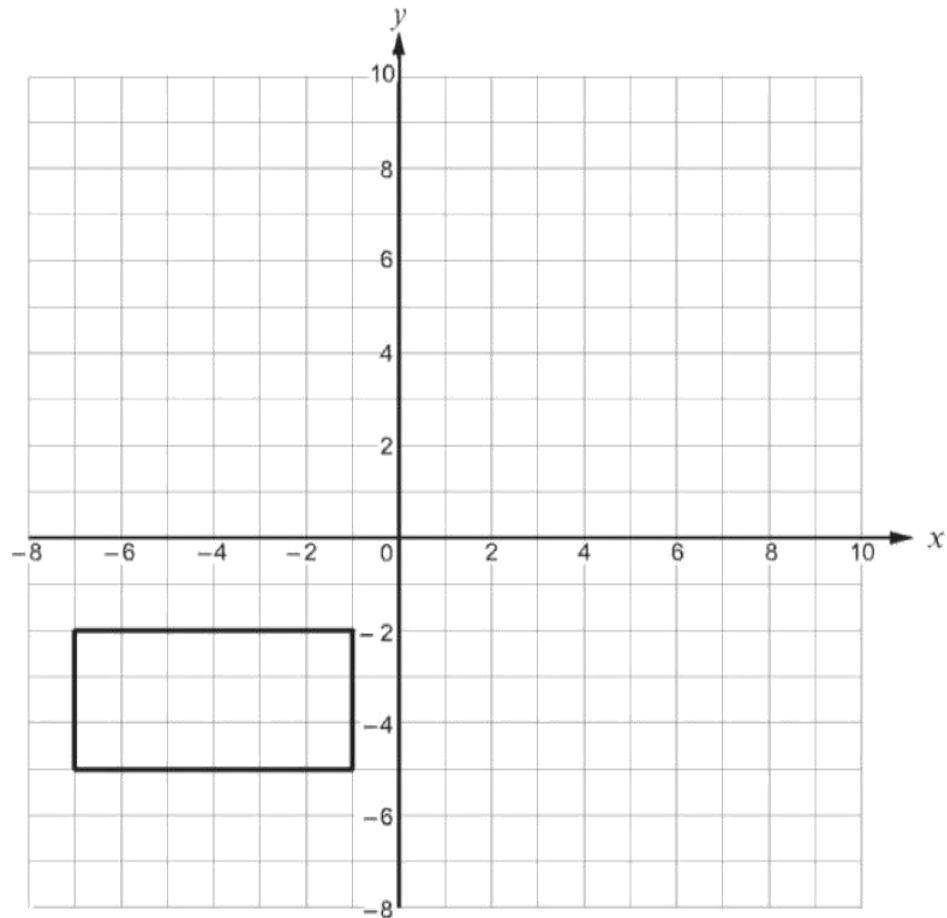


5) Reflect the shape in the x -axis.

[2]

6) Reflect the rectangle shown below in the line $x = 1$.

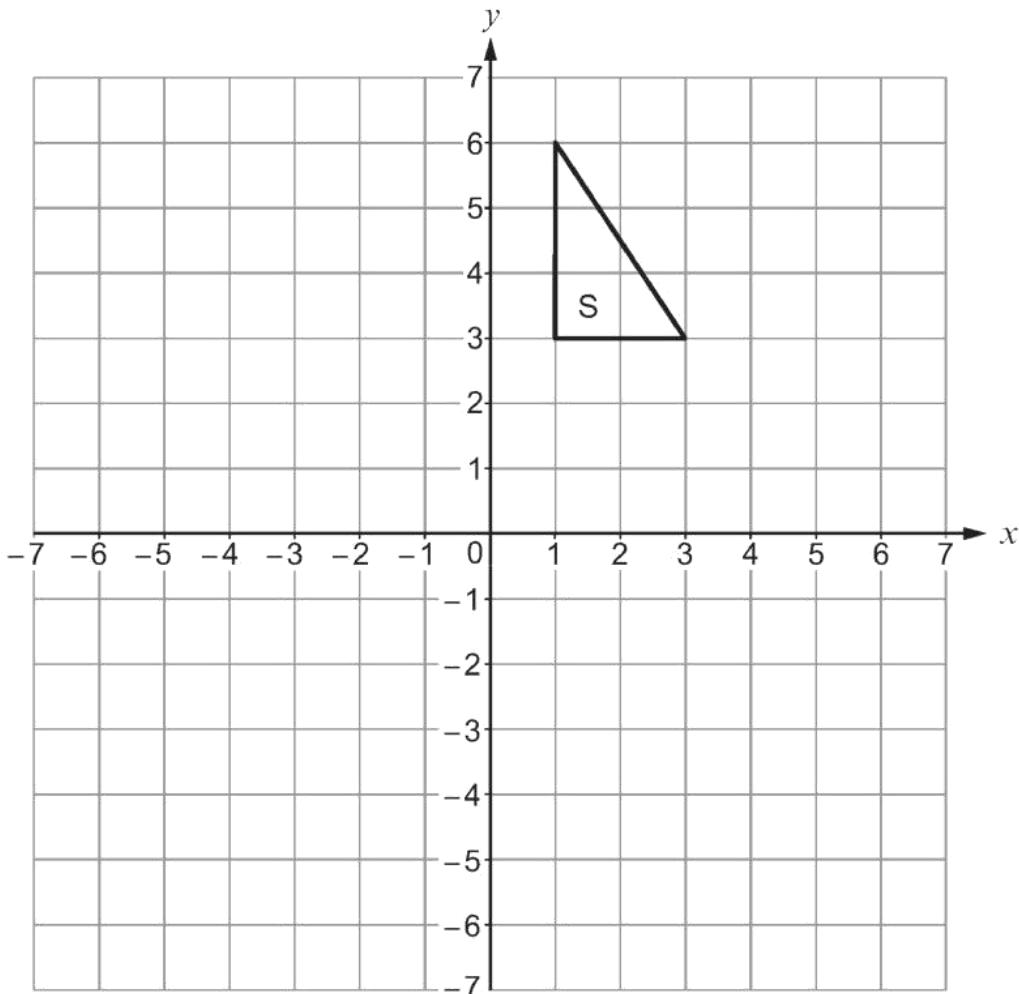
[2]



7)

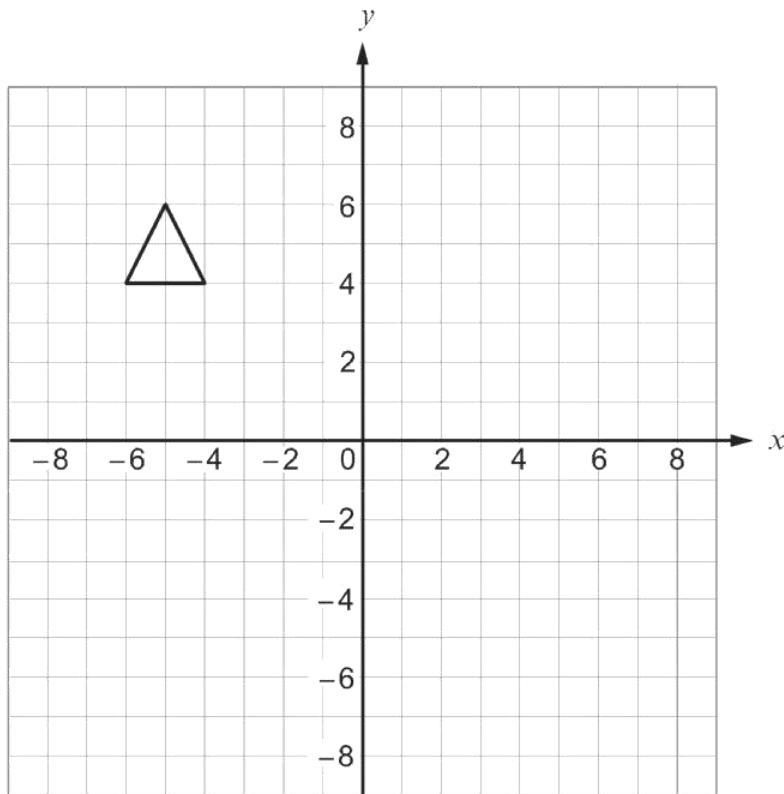
Reflect the triangle S in the line $y = 2$.

[2]

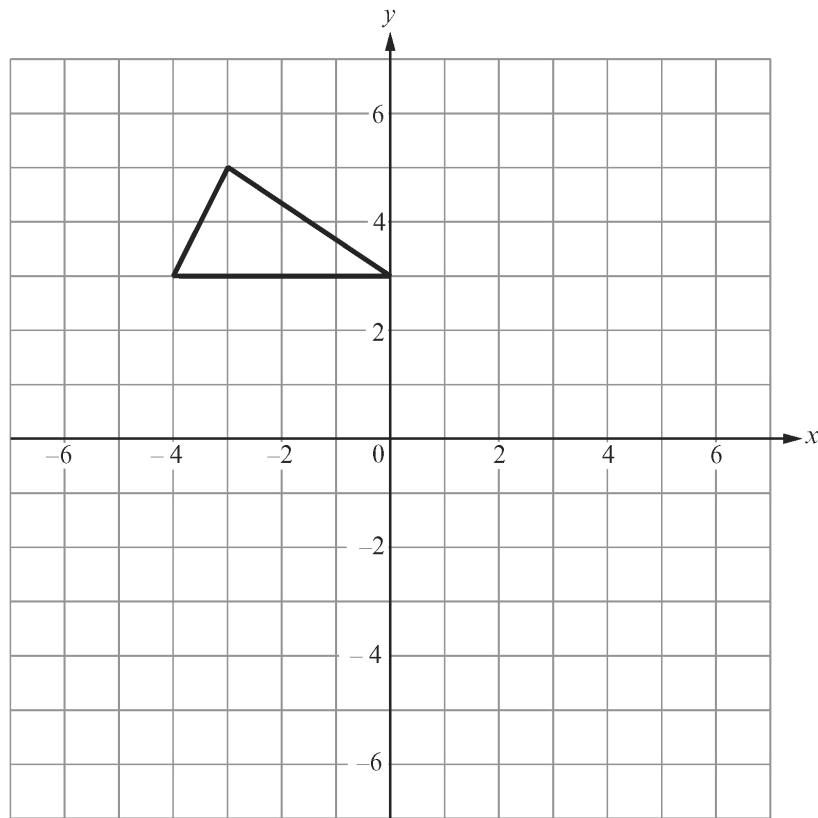


- 8) Reflect the triangle shown in the line $y = x$.

[2]

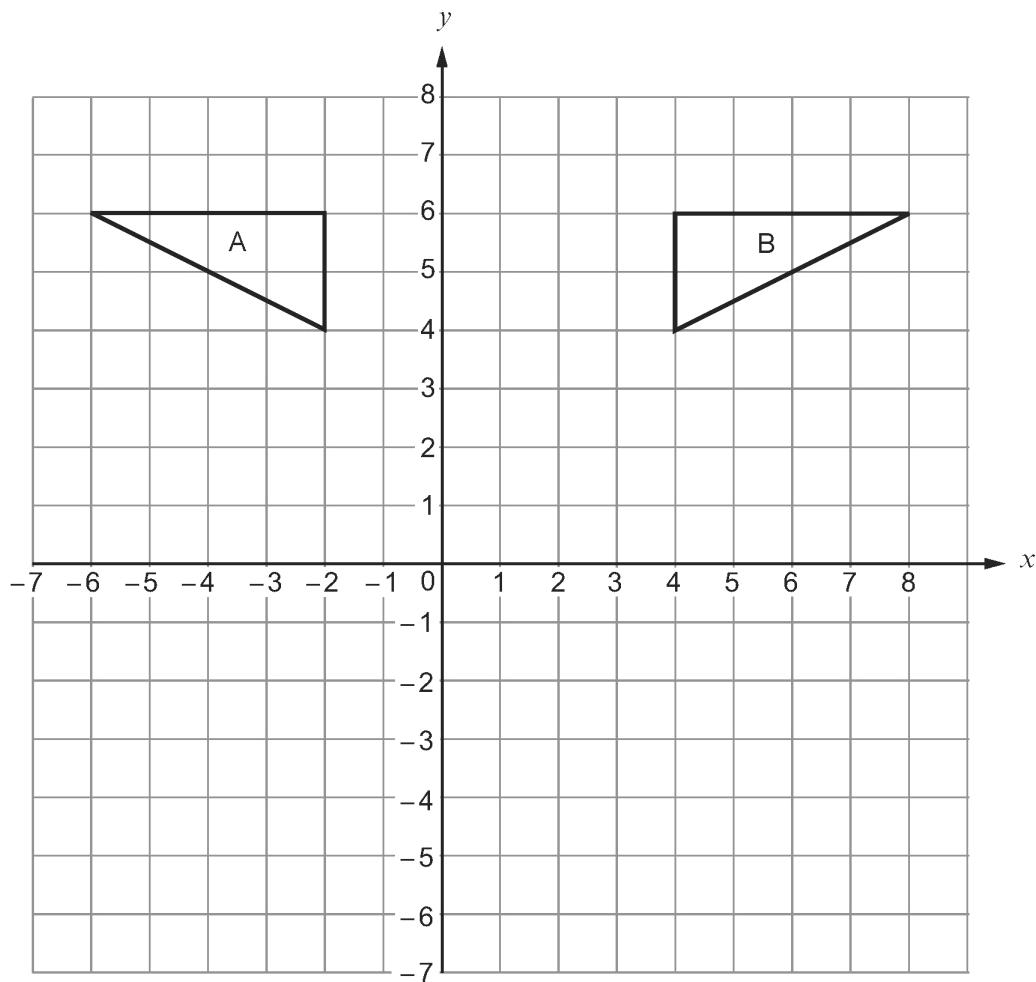


- 9) Reflect the triangle in the line $x = 1$.



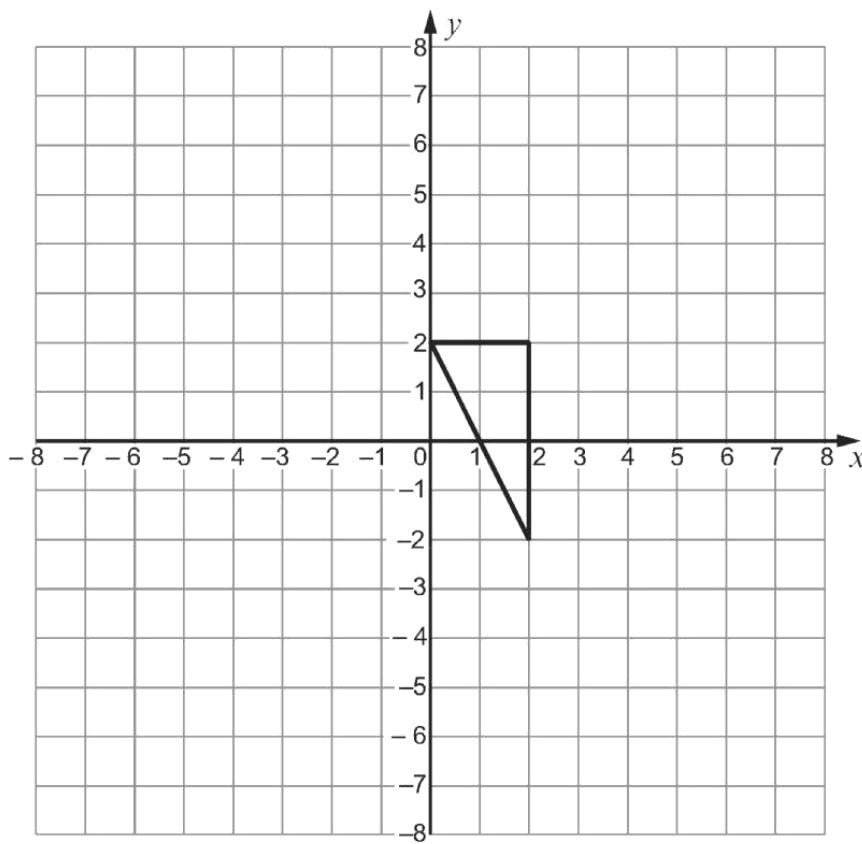
10) Describe **fully** the transformation which maps triangle A onto triangle B.

[2]



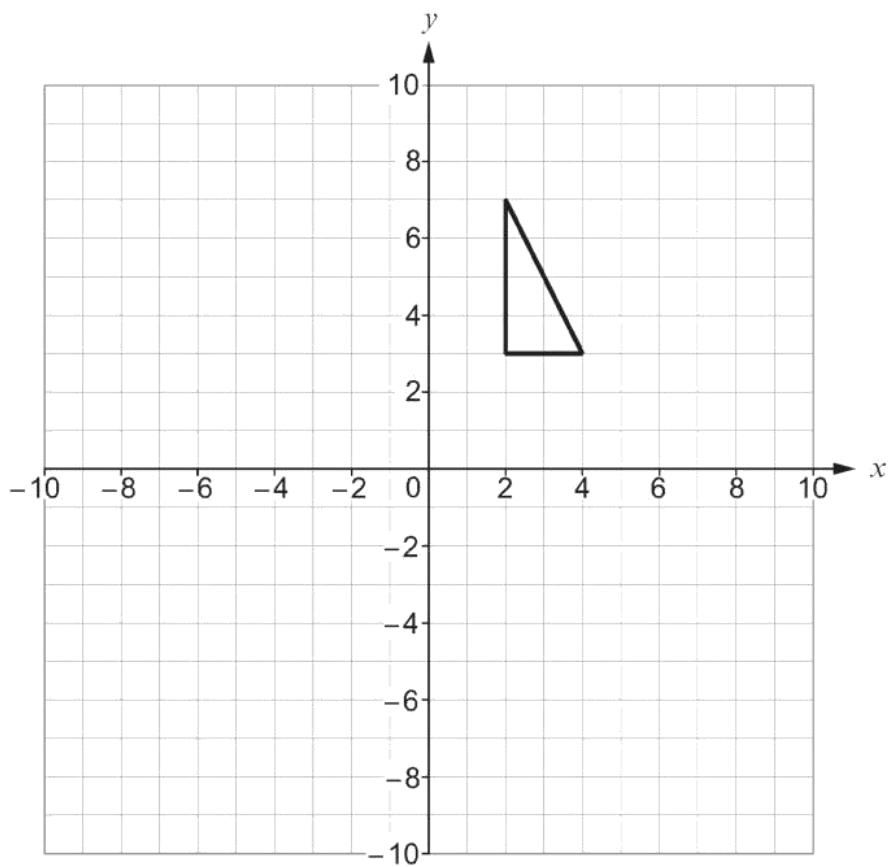
11) Reflect the triangle in the line $x = -2$.

[2]



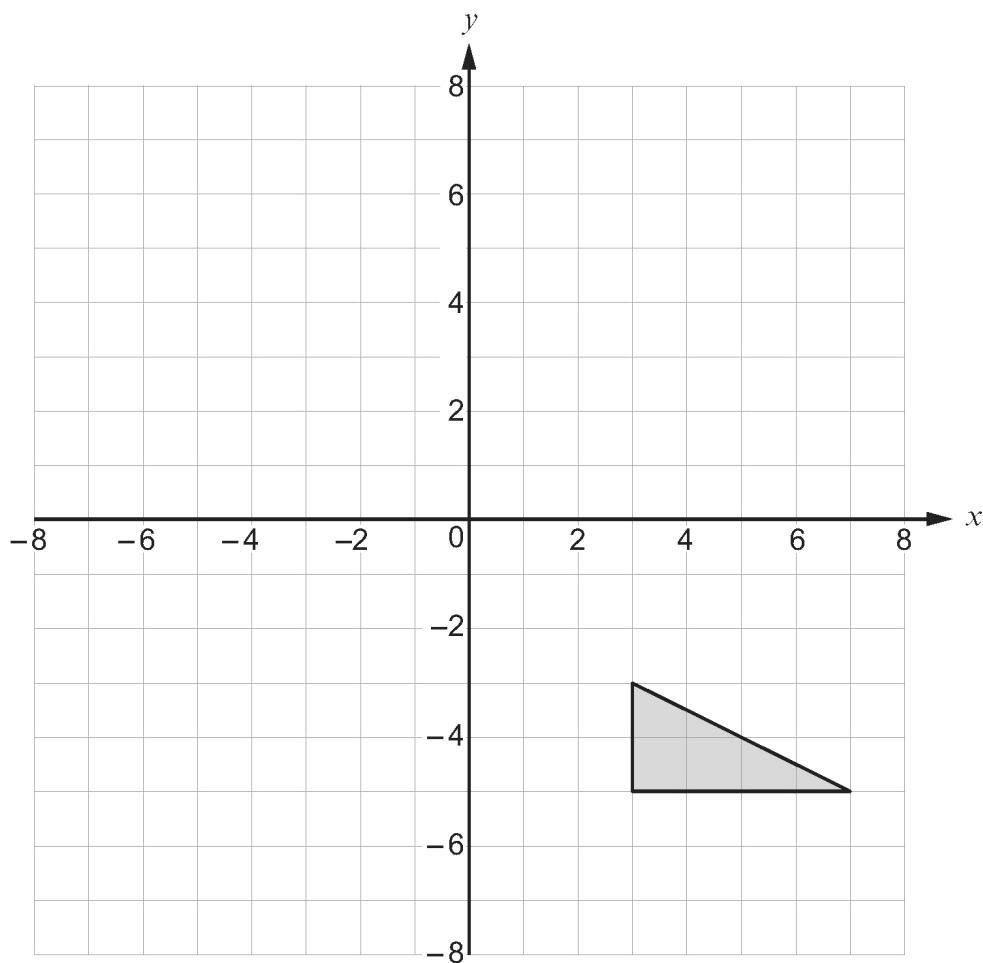
12) Draw a reflection of the triangle in the line $y = 1$.

[2]



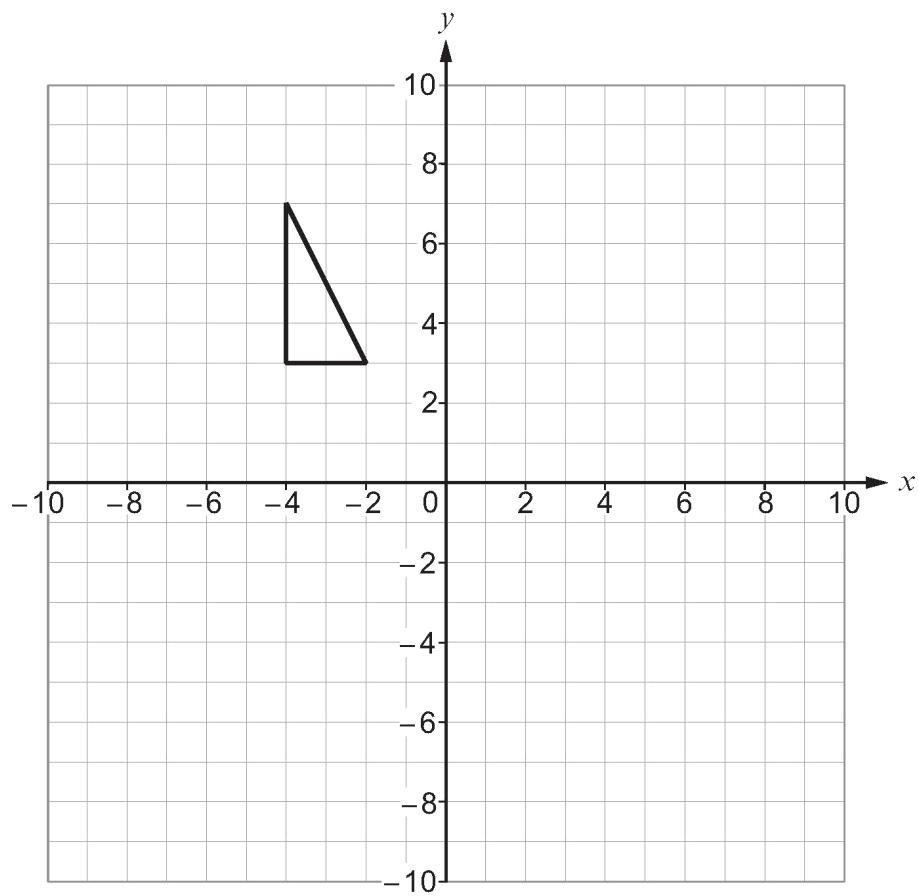
13) Reflect the triangle in the line $y = x$.

[2]

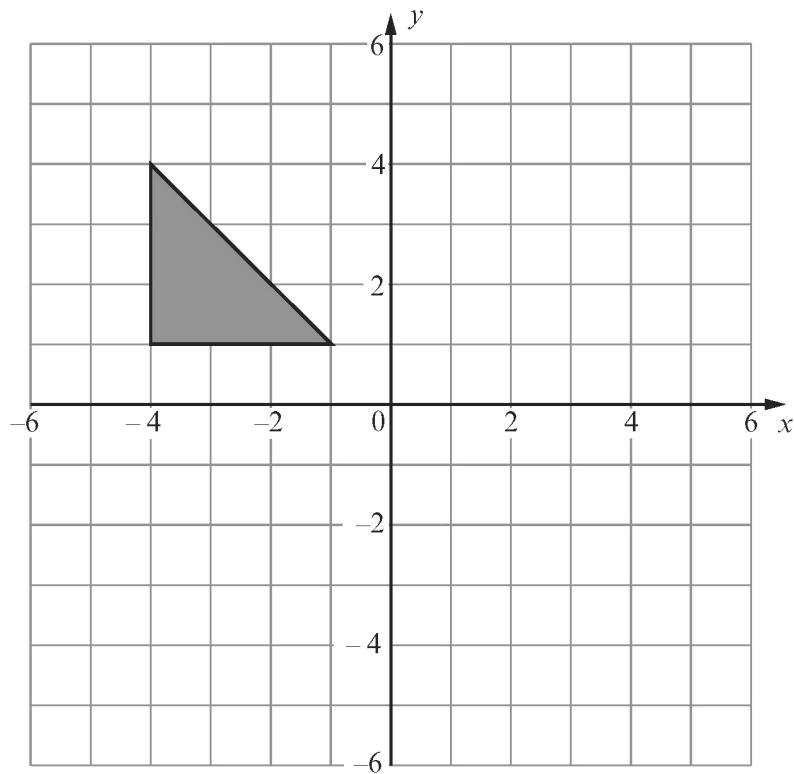


- 14) Draw a reflection of the triangle in the line $x = 1$.

[2]

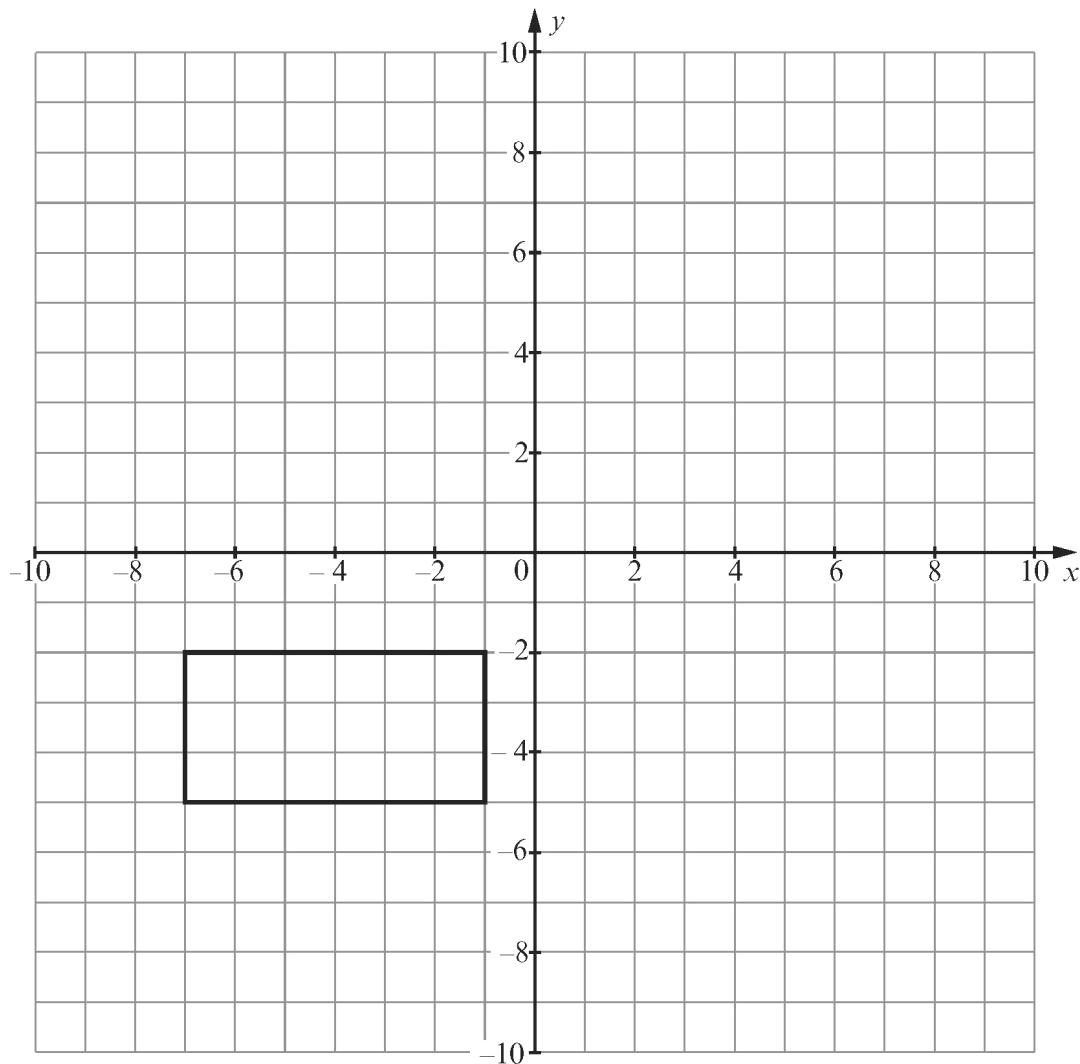


- 15) Reflect the triangle in the line $y = x$.



[2]

- 16) Reflect the rectangle in the line $y = 2$.



[2]