

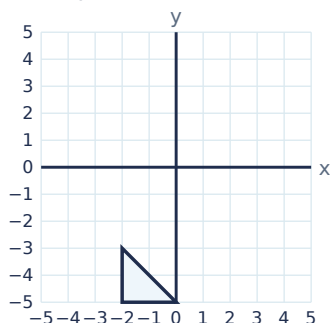
Some Translation and reflection

Name _____

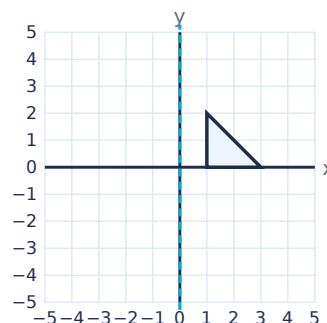
Page 1 of 2

Translate and reflect shapes in all four quadrants.

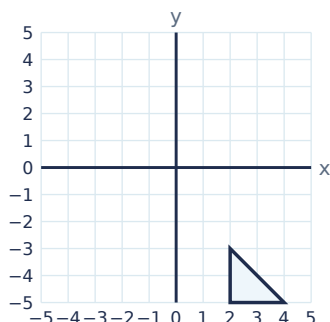
- 1** Translate the shape 2 right and 3 up. Draw the new shape.



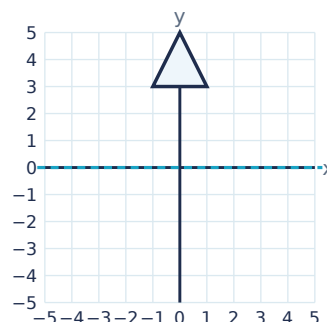
- 2** Reflect the shape in the y-axis. Draw the reflection.



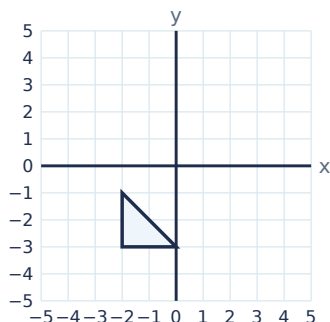
- 3** Translate the shape 6 left. Draw the new shape.



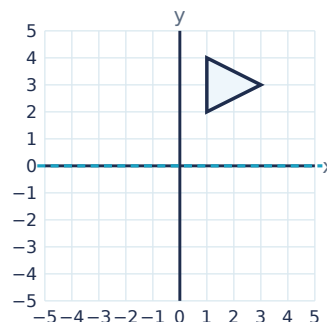
- 4** Reflect the shape in the x-axis. Draw the reflection.



- 5** Translate the shape 3 right and 1 down. Draw the new shape.



- 6** Reflect the shape in the x-axis. Draw the reflection.


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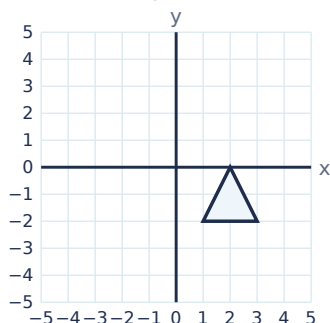
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Some Translation and reflection (continued)

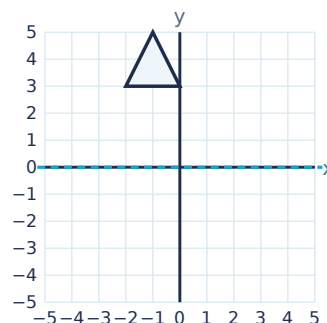
Translate and reflect shapes in all four quadrants.

Page 2 of 2

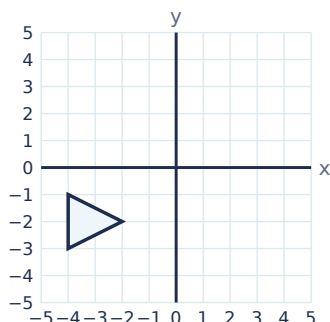
- 7** Translate the shape 1 right and 3 down. Draw the new shape.



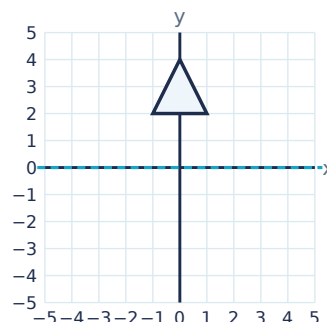
- 8** Reflect the shape in the x-axis. Draw the reflection.



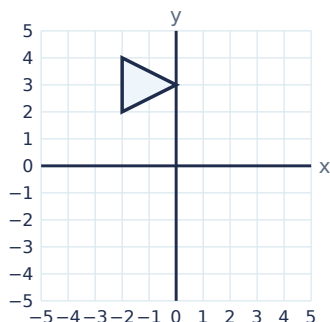
- 9** Translate the shape 2 right. Draw the new shape.



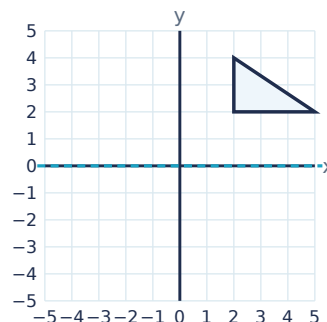
- 10** Reflect the shape in the x-axis. Draw the reflection.



- 11** Translate the shape 2 right and 3 down. Draw the new shape.



- 12** Reflect the shape in the x-axis. Draw the reflection.



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Translation and reflection: answers

Some sheet

Some Translate and reflect shapes in all four quadrants.

1  (0, -2), (2, -2) (0, 0)	2  (-1, 0), (-3, 0) (-1, 2)	3  (-4, -5), (-2, -5) (-4, -3)	4  (-1, -3), (1, -3) (0, -5)	5  (1, -4), (3, -4) (1, -2)	6  (1, -2), (3, -3) (1, -4)
7  (2, -5), (4, -5) (3, -3)	8  (-2, -3), (0, -3) (-1, -5)	9  (-2, -3), (0, -2) (-2, -1)	10  (-1, -2), (1, -2) (0, -4)	11  (0, -1), (2, 0), (0, 1)	12  (2, -2), (5, -2) (2, -4)

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