

Reflect a point across an axis

NAME	DATE	SCORE / 10
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- 1** The point $(-5, 1)$ is reflected across the y-axis. What are the coordinates of the image of the point?

- 2** The point $(-1, -6)$ is reflected across the y-axis. Which coordinate of the point changes sign?

☐ Only the x-coordinate
 ☐ Only the y-coordinate
 ☐ Both coordinates

- 3** The point $(-3, -5)$ is reflected across the y-axis. What are the coordinates of the image of the point?

- 4** The point $(6, -4)$ is reflected across the x-axis. Which coordinate of the point changes sign?

☐ Only the x-coordinate
 ☐ Only the y-coordinate
 ☐ Both coordinates

- 5** The point $(-4, 5)$ is reflected across the x-axis. What are the coordinates of the image of the point?

- 6** The point $(-4, 2)$ is reflected across the y-axis. Which coordinate of the point changes sign?

☐ Only the x-coordinate
 ☐ Only the y-coordinate
 ☐ Both coordinates

7

The point $(5, 6)$ is reflected across the y -axis. What are the coordinates of the image of the point?

8

The point $(-2, -4)$ is reflected across the x -axis. Which coordinate of the point changes sign?

☐ Only the x -coordinate ☐ Only the y -coordinate ☐ Both coordinates

9

The point $(6, -7)$ is reflected across the y -axis. What are the coordinates of the image of the point?

10

The point $(5, 4)$ is reflected across the y -axis. Which coordinate of the point changes sign?

☐ Only the x -coordinate ☐ Only the y -coordinate ☐ Both coordinates

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1 (5, 1)

3 (3, -5)

5 (-4, -5)

7 (-5, 6)

9 (-6, -7)

2 Only the x-coordinate

4 Only the y-coordinate

6 Only the x-coordinate

8 Only the y-coordinate

10 Only the x-coordinate