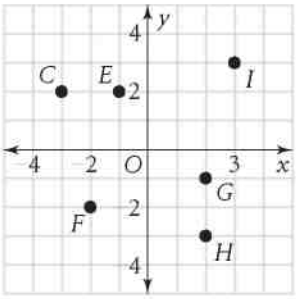
Name _____ Class _____ Date _____

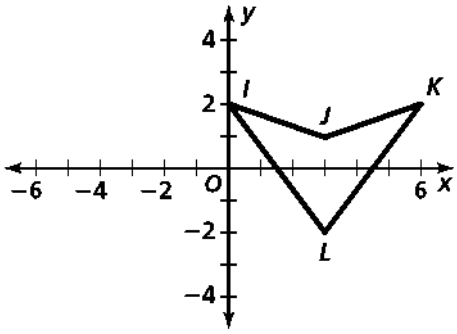
Practice 9-2

Reflections

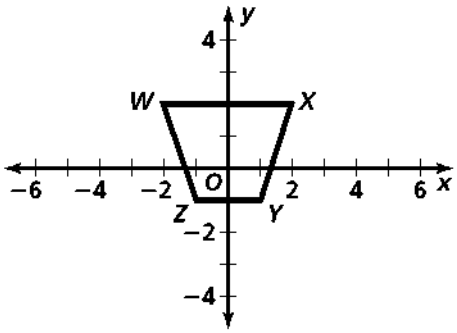
Each point is reflected across the line indicated. Find the coordinates of the images.



1. C across the x-axis
2. H across the y-axis
3. E across $y = -1$
4. F across $x = 1$
5. G across $x = 3$
6. I across $y = -0.5$



7. For figure *IJKL,* draw its reflection image across each line.
   a. x-axis
   b. y-axis



8. For figure *WXYZ,* draw its reflection image across each line.
   a. x-axis
   b. y-axis

Given points $T(2, 4)$, $A(-3, -4)$, and $B(0, -4)$, draw $\triangle TAB$ and its reflection image across each line.

9. x-axis
10. y-axis
11. $x = -3$
12. $y = 4$

Find the image of $O(0, 0)$ after two reflections, first across l_1, and then across l_2.

13. l_1: $y = 2$; l_2: $x = -3$
14. l_1: $x = 4$; l_2: y-axis
15. l_1: $y = -6$; l_2: y-axis

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