

HOMEWORK

Determine whether the points are reflections across an axis. If yes, state whether the reflection is across the x-axis, the y-axis, or both.

1. $(3\frac{6}{7}, 4\frac{5}{7}), (3\frac{6}{7}, -4\frac{5}{7})$

2. $(20, 10), (10, -20)$

3. $(2, -4), (-2, -4)$

4. $(3, 15), (-3, -15)$

5. $(0.2, -1), (0.1, 1)$

6. $(0.5, 0), (-0.5, 0)$

Problem Solving

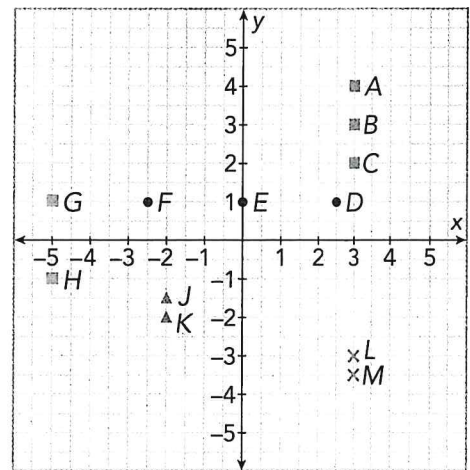
Use the graph for Exercises 7–10.

7. What are the coordinates of the reflections of the purple triangles J and K across the x-axis?

8. What two points are a reflection across the y-axis?

9. Reflect M across both axes. Label the new point N.

10. Reflect E across both axes. Label the new point R.



Write About It

11. When you reflect a point across both axes, does it matter which axis you reflect across first? Explain.
