

Plotting Points Answer Key

- A. $(-4, 3)$, Quadrant II
- B. $(2, 4)$, Quadrant I
- C. $(5, -2)$, Quadrant IV
- D. $(-3, -4)$, Quadrant III
- E. $(0, 5)$, positive y-axis
- F. $(4, 1)$, Quadrant I
- G. $(-5, 0)$, negative x-axis
- H. $(1, -3)$, Quadrant IV
- I. $(-2, 2)$, Quadrant II
- J. $(3, 0)$, positive x-axis
- K. $(-1, -2)$, Quadrant III
- L. $(2, -5)$, Quadrant IV

Teacher's Guide

- Quick implementation: Remind students that ordered pairs are written (x, y) . Move horizontally for x first, then vertically for y.
- Differentiation: Have students circle the x-coordinate and underline the y-coordinate before plotting each point.
- Differentiation: Begin with E, G, and J, which lie on the axes, before plotting points in the quadrants.
- Engagement: Have students work as "coordinate checkers" with a partner and verify each other's plotted points.
- Extension: Ask students to identify the quadrant or axis location of all 12 points.
- Extension: Have students write three new ordered pairs for a classmate to plot.