Plot and Read Points on a Coordinate Plane: Introductory Practice

Complete original worked example

Plot the point (-2, 3) on a four-quadrant grid and state which quadrant it lies in. Then check your work by counting back to the axes.

Answer: Start at the origin. Move 2 units left along the x-axis (because x = -2), then 3 units up parallel to the y-axis (because y = 3). Mark the point and label it (-2, 3). The point is in Quadrant II because x is negative and y is positive. Check: from the point, count 2 units right to reach the y-axis, then 3 units down to reach the origin. The check confirms the coordinates.