

Introduction to the Coordinate Plane

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. What is the coordinate of the origin?
2. Circle the correct axes: x-axis or y-axis for the horizontal line.
3. If point A is at $(3, 2)$ and point B is at $(3, -5)$, what is the y-coordinate of point B?
4. Sara plots a point at $(4, 3)$ on the coordinate plane. What quadrant is this point in?

5. The point $(-2, -3)$ is in Quadrant II.
 True False
6. What is the y-coordinate of the point $(7, 0)$?
7. Mark has two points: $(5, 6)$ and $(5, 0)$. How many units apart are they on the y-axis?

8. If you move from the point $(1, 1)$ to $(1, 4)$, how many units did you move vertically?
9. What point lies directly to the right of $(2, 3)$ at a distance of 3 units on the x-axis? (, 3)
10. Circle the greater number: $(3, 5)$ or $(2, 6)$ in terms of y-coordinate.
11. A point is located at $(0, 0)$. If it moves to $(0, 3)$, how many units did it move?

12. $(4, -2)$ lies in Quadrant IV.
 True False
13. If a point moves from $(-1, 2)$ to $(2, 2)$, how many units does it move horizontally?

14. What is the coordinate for the point that is 2 units up from $(0, 0)$?
15. If you plot points at $(2, 3)$ and $(2, -3)$, how far apart are they on the y-axis?

Answer Key

1. (0, 0) 2. x-axis 3. -5 4. Quadrant I 5. False 6. 0 7. 6 8. 3 9. 5 10. 5 11. 3 12. True 13. 3 14. (0, 2) 15. 6