

Coordinate Plane Challenge Day

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Plot the point $(3, 4)$ on a coordinate plane. What is the x-coordinate?

2. Plot the point $(-2, -5)$ on a coordinate plane. What is the y-coordinate?

3. A treasure is located at point $(5, -3)$ on the coordinate plane. What are the coordinates?

4. If you move from point $(1, 2)$ to $(4, 2)$, how many units do you move along the x-axis?

5. Circle the point that is in Quadrant II: $(-3, 4)$ or $(2, -5)$
6. If you plot $(0, y)$ on the y-axis, what is the x-coordinate?
7. The point $(2, 3)$ is located in Quadrant I.
 True False
8. If you start at point $(2, 5)$ and move left 4 units and down 3 units, where will you end up?

9. What is the distance between the points $(1, 1)$ and $(1, 4)$?
10. A point is located at $(3, 3)$. If you move down 2 units, what are the new coordinates?

11. Which point is farther from the origin: $(4, 3)$ or $(3, 4)$?
12. What is the next point in this sequence on the x-axis? $(1, 0)$, $(2, 0)$, $(3, 0)$, _____
13. A park is located at $(6, 2)$ and a school at $(2, 6)$. How far apart are they in the x-direction?

14. The point $(-5, -3)$ is located in Quadrant III.
 True False
15. You have a point $(7, -1)$. If you move up 5 units, what is the new y-coordinate?

Answer Key

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