

Coordinate Plane Art - Math Practice

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

- Plot the point $(3, 4)$ on a coordinate plane. What is the x-coordinate?
- Plot the point $(1, 2)$ on a coordinate plane. What is the y-coordinate?
- If you plot the points $(2, 3)$ and $(2, 5)$, what shape do they create when connected?

- Circle the greater coordinate: $(4, 6)$ or $(5, 5)$
- What number comes next in this sequence of x-coordinates? $0, 2, 4, \underline{\quad}$
- $(0, 0)$ is known as the origin on the coordinate plane.
 True False
- What is the sum of the x-coordinates of the points $(3, 2)$ and $(4, 5)$?
- A rectangle has corners at $(1, 1)$, $(1, 4)$, $(3, 1)$, and $(3, 4)$. What is the width of the rectangle?

- Multiply the x-coordinate of the point $(2, 3)$ by 5.
- You plot the points $(3, 3)$ and $(3, 7)$. How far apart are they on the y-axis?

- Circle the point that lies higher: $(2, 5)$ or $(4, 3)$
- What number comes next in this sequence of y-coordinates? $1, 4, 7, \underline{\quad}$
- $(5, -2)$ is located in the third quadrant of the coordinate plane.
 True False
- What is the distance between the points $(1, 1)$ and $(1, 5)$ on the y-axis?

15. You connect the points (2, 2), (2, 5), and (5, 5). What shape do these points create?

Answer Key

1. 3 2. 2 3. vertical line 4. (5, 5) 5. 6 6. True 7. 7 8. 2 9. 10 10. 4 11. (2, 5) 12. 10 13. False 14. 4 15. triangle