

# 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 x-coordinate of the point (3, 5)?
2. What is the y-coordinate of the point (2, 7)?
3. If you move 4 units right and 3 units up from the origin, what point do you reach?  
\_\_\_\_\_
4. Plot the point (5, 2) on a grid. What is the x-coordinate?  
\_\_\_\_\_
5. Circle the greater number: x-coordinate of (6, 1) or y-coordinate of (3, 9)
6. What number comes next in the sequence of x-coordinates: 1, 2, 3, \_\_\_\_?
7. The point (0,0) is called the origin.  
 True    False
8. A point is plotted at (2, 4). If you move 2 units left, what is the new x-coordinate?  
\_\_\_\_\_
9. If you are at point (4, 5) and move down 3 units, what point do you reach?
10. What is the distance between the points (3, 2) and (3, 5) in the y-direction?
11. If a point is at (7, 8) and you move down 6 units, what is the new point?  
\_\_\_\_\_
12. From the point (1, 1), if you move right 4 units and up 2 units, what point do you reach?  
\_\_\_\_\_
13. Circle the point that is further to the right: (2, 3) or (5, 1)
14. If you plot points at (1, 2), (2, 2), and (3, 2), what is the next x-coordinate?
15. The point (3, -1) is in the fourth quadrant.

True  False

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**Answer Key**

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