

Coordinate Graphing Practice

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. A bird flew to the point (3, 4) on a graph. What are the coordinates of the bird?

2. If a plant grows to the point (5, 10) after a week, what does the x-coordinate represent?

3. What is the distance between the points (2, 3) and (5, 7)?
Use the distance formula.

4. A car travels to the point (6, 8) on a map. If it started at the origin (0, 0), how far did it travel?

5. Circle the point that is higher on the graph: (2, 5) or (3, 3)

6. What is the next coordinate in this pattern? (1, 2), (2, 4),
(3, _____)

7. The point (4, -2) is located in the fourth quadrant of the coordinate plane.

True False

8. A temperature reading is plotted at (2, 30). What does the y-coordinate represent?

9. Add the coordinates (1, 2) and (3, 4). What is the new point?

10. A fruit tree is at (2, 5) and a vegetable garden is at (7, 5). What is the distance between them?

11. Subtract the coordinates (5, 10) from (8, 12). What is the result?

12. If a school is at (3, 6) and a park is at (3, 2), how far apart are they vertically?

13. Circle the point that is further right: (4, 2) or (2, 5)

14. What is the next coordinate in this sequence? (0, 0), (1, 1), (2, 2), (3, _____)

15. The point (0, 0) is called the origin.

True False

Answer Key

1. (3, 4) 2. Week 5 3. 5 4. 10 5. (2, 5) 6. 6 7. True 8. 30 degrees 9. (4, 6) 10. 5 11. (3, 2) 12. 4 13. (4, 2) 14. 3 15. True