

Distance on the Coordinate Plane

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Find the distance between $(4, 2)$ and $(4, 7)$.
2. Find the distance between $(10, -3)$ and $(10, 4)$.
3. What is the distance between $(0, 0)$ and $(0, 8)$?
4. A point is at $(3, 5)$ and moves to $(3, 1)$. What is the distance traveled?

5. The coordinates of point A are $(2, 3)$ and point B are $(2, 8)$. How far apart are they?

6. Circle the greater distance: Distance between $(1, 2)$ and $(1, 5)$ or Distance between $(2, 3)$ and $(2, 10)$.
7. If point C is at $(5, 9)$ and point D is at $(5, 4)$, the distance is 5, ____
8. The distance between $(2, 3)$ and $(2, 9)$ is greater than 6.
 True False
9. Calculate the distance between $(8, -2)$ and $(8, 3)$.
10. A bird flies from $(6, 1)$ to $(6, 4)$. How far did the bird fly?

11. Which is farther: $(0, 0)$ to $(0, 12)$ or $(0, 0)$ to $(0, 5)$?
12. If the distance between $(7, 3)$ and $(7, \underline{\quad})$ is 10, the blank is:
13. Find the distance between $(5, 5)$ and $(5, -2)$.
14. A delivery truck moves from $(1, 2)$ to $(1, 10)$. How far does it travel?

15. The distance between $(3, 4)$ and $(3, 4)$ is 0.
 True False

Answer Key

1.5 2.7 3.8 4.4 5.5 6. Distance between (2, 3) and (2, 10) 7.5 8. True 9.5 10.3 11. (0, 0) to (0, 12) 12.-7 13.7 14.8 15. True