Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 9 of 10

Read each problem. In an ordered pair (x, y), x tells how far to go across and y tells how far to go up. Sketch a grid if it helps. Write distances in units and points as ordered pairs.

1. On a map, the school is at (9, 7) and the pool is at (4, 7). How many units apart are they?

Answer: **5 units**

2. Ivy rides a bike from (0, 3). Ivy goes 6 units right and then 1 units down. Where does Ivy end up?

Answer: **(6, 2)**

3. On a city map, the bakery is at (4, 8) and the museum is at (2, 8). How many units apart are they?

Answer: **2 units**

4. Ava starts at (7, 2) and walks 3 units right and 6 units up. At what point does Ava stop?

Answer: **(10, 8)**

5. On a town map, the library is at (2, 6) and the park is at (2, 9). How many units apart are they?

Answer: **3 units**

6. A garden plan shows a tree at (7, 6) and a bench at (7, 2). How many units is it from the tree to the bench?

Answer: **4 units**

7. Jude starts at (10, 5) and walks 3 units left and 3 units up. At what point does Jude stop?

Answer: **(7, 8)**

8. A toy robot starts at (10, 10). It moves 5 units left and then 4 units down. Where is the robot now?

Answer: **(5, 6)**