Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 8 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 town map, the library is at (9, 2) and the park is at (9, 6). How many units apart are they?

Answer: **4 units**

2. On a map, the school is at (0, 1) and the pool is at (3, 1). How many units apart are they?

Answer: **3 units**

3. A garden plan shows a tree at (6, 10) and a bench at (6, 6). How many units is it from the tree to the bench?

Answer: **4 units**

4. On a city map, the bakery is at (3, 2) and the museum is at (9, 2). How many units apart are they?

Answer: **6 units**

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

Answer: **(3, 0)**

6. A toy robot starts at (4, 6). It moves 4 units left and then 4 units down. Where is the robot now?

Answer: **(0, 2)**

7. Ben starts at (7, 8) and walks 2 units right and 2 units up. At what point does Ben stop?

Answer: **(9, 10)**

8. Ivy starts at (10, 5) and walks 1 units left and 3 units up. At what point does Ivy stop?

Answer: **(9, 8)**