Name: _____ Date: _____

Coordinate Plane Word Problems

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 2 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 city map, the bakery is at (3, 2) and the museum is at (7, 2). How many units apart are they?

Answer: _____

2. Eli starts at (0, 4) and walks 3 units right and 1 units up. At what point does Eli stop?

Answer: _____

3. Jude starts at (8, 2) and walks 1 units left and 4 units up. At what point does Jude stop?

Answer: _____

4. On a town map, the library is at (1, 9) and the park is at (1, 1). How many units apart are they?

Answer: _____

5. A garden plan shows a tree at (6, 5) and a bench at (6, 9). How many units is it from the tree to the bench?

Answer: _____

6. On a map, the school is at (6, 7) and the pool is at (0, 7). How many units apart are they?

Answer: _____

7. Max rides a bike from (7, 6). Max goes 2 units right and then 2 units down. Where does Max end up?

Answer: _____

8. A toy robot starts at (10, 3). It moves 1 units left and then 2 units down. Where is the robot now?

Answer: _____

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 2 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 city map, the bakery is at (3, 2) and the museum is at (7, 2). How many units apart are they?

Answer: **4 units**

2. Eli starts at (0, 4) and walks 3 units right and 1 units up. At what point does Eli stop?

Answer: **(3, 5)**

3. Jude starts at (8, 2) and walks 1 units left and 4 units up. At what point does Jude stop?

Answer: **(7, 6)**

4. On a town map, the library is at (1, 9) and the park is at (1, 1). How many units apart are they?

Answer: **8 units**

5. A garden plan shows a tree at (6, 5) and a bench at (6, 9). How many units is it from the tree to the bench?

Answer: **4 units**

6. On a map, the school is at (6, 7) and the pool is at (0, 7). How many units apart are they?

Answer: **6 units**

7. Max rides a bike from (7, 6). Max goes 2 units right and then 2 units down. Where does Max end up?

Answer: **(9, 4)**

8. A toy robot starts at (10, 3). It moves 1 units left and then 2 units down. Where is the robot now?

Answer: **(9, 1)**