Name: _____ Date: _____

Coordinate Plane Word Problems

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 10 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 (4, 4) and the museum is at (6, 4). How many units apart are they?

Answer: _____

2. Tess rides a bike from (7, 10). Tess goes 3 units right and then 5 units down. Where does Tess end up?

Answer: _____

3. Leo starts at (10, 0) and walks 4 units left and 4 units up. At what point does Leo stop?

Answer: _____

4. A toy robot starts at (8, 5). It moves 3 units left and then 5 units down. Where is the robot now?

Answer: _____

5. Ava starts at (1, 4) and walks 3 units right and 6 units up. At what point does Ava stop?

Answer: _____

6. A garden plan shows a tree at (10, 7) and a bench at (10, 4). How many units is it from the tree to the bench?

Answer: _____

7. On a town map, the library is at (2, 3) and the park is at (2, 0). How many units apart are they?

Answer: _____

8. On a map, the school is at (5, 1) and the pool is at (7, 1). How many units apart are they?

Answer: _____

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 10 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 (4, 4) and the museum is at (6, 4). How many units apart are they?

Answer: **2 units**

2. Tess rides a bike from (7, 10). Tess goes 3 units right and then 5 units down. Where does Tess end up?

Answer: **(10, 5)**

3. Leo starts at (10, 0) and walks 4 units left and 4 units up. At what point does Leo stop?

Answer: **(6, 4)**

4. A toy robot starts at (8, 5). It moves 3 units left and then 5 units down. Where is the robot now?

Answer: **(5, 0)**

5. Ava starts at (1, 4) and walks 3 units right and 6 units up. At what point does Ava stop?

Answer: **(4, 10)**

6. A garden plan shows a tree at (10, 7) and a bench at (10, 4). How many units is it from the tree to the bench?

Answer: **3 units**

7. On a town map, the library is at (2, 3) and the park is at (2, 0). How many units apart are they?

Answer: **3 units**

8. On a map, the school is at (5, 1) and the pool is at (7, 1). How many units apart are they?

Answer: **2 units**