Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 1 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. A garden plan shows a tree at (7, 3) and a bench at (7, 10). How many units is it from the tree to the bench?

Answer: **7 units**

2. On a city map, the bakery is at (0, 2) and the museum is at (5, 2). How many units apart are they?

Answer: **5 units**

3. Zoe starts at (9, 4) and walks 1 units right and 2 units up. At what point does Zoe stop?

Answer: **(10, 6)**

4. Leo starts at (7, 1) and walks 5 units left and 1 units up. At what point does Leo stop?

Answer: **(2, 2)**

5. A toy robot starts at (4, 9). It moves 3 units left and then 6 units down. Where is the robot now?

Answer: **(1, 3)**

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

Answer: **5 units**

7. On a map, the school is at (2, 7) and the pool is at (5, 7). How many units apart are they?

Answer: **3 units**

8. Kai rides a bike from (3, 9). Kai goes 3 units right and then 2 units down. Where does Kai end up?

Answer: **(6, 7)**

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)**

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 3 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. A garden plan shows a tree at (6, 1) and a bench at (6, 9). How many units is it from the tree to the bench?

Answer: **8 units**

2. Lily starts at (8, 6) and walks 3 units left and 4 units up. At what point does Lily stop?

Answer: **(5, 10)**

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

Answer: **(8, 6)**

4. Tess rides a bike from (6, 7). Tess goes 4 units right and then 6 units down. Where does Tess end up?

Answer: **(10, 1)**

5. On a city map, the bakery is at (3, 1) and the museum is at (8, 1). How many units apart are they?

Answer: **5 units**

6. On a map, the school is at (6, 1) and the pool is at (10, 1). How many units apart are they?

Answer: **4 units**

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

Answer: **4 units**

8. A toy robot starts at (10, 7). It moves 1 units left and then 2 units down. Where is the robot now?

Answer: **(9, 5)**

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 4 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 (8, 6) and the pool is at (3, 6). How many units apart are they?

Answer: **5 units**

2. On a town map, the library is at (6, 0) and the park is at (6, 6). How many units apart are they?

Answer: **6 units**

3. A garden plan shows a tree at (1, 3) and a bench at (1, 0). How many units is it from the tree to the bench?

Answer: **3 units**

4. On a city map, the bakery is at (10, 0) and the museum is at (5, 0). How many units apart are they?

Answer: **5 units**

5. A toy robot starts at (5, 7). It moves 3 units left and then 3 units down. Where is the robot now?

Answer: **(2, 4)**

6. Sam starts at (10, 4) and walks 6 units left and 3 units up. At what point does Sam stop?

Answer: **(4, 7)**

7. Leo rides a bike from (4, 7). Leo goes 2 units right and then 4 units down. Where does Leo end up?

Answer: **(6, 3)**

8. Mia starts at (5, 8) and walks 4 units right and 2 units up. At what point does Mia stop?

Answer: **(9, 10)**

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 5 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. A toy robot starts at (3, 5). It moves 3 units left and then 4 units down. Where is the robot now?

Answer: **(0, 1)**

2. On a city map, the bakery is at (10, 7) and the museum is at (3, 7). How many units apart are they?

Answer: **7 units**

3. On a map, the school is at (6, 10) and the pool is at (10, 10). How many units apart are they?

Answer: **4 units**

4. A garden plan shows a tree at (4, 0) and a bench at (4, 2). How many units is it from the tree to the bench?

Answer: **2 units**

5. Eli rides a bike from (2, 9). Eli goes 4 units right and then 4 units down. Where does Eli end up?

Answer: **(6, 5)**

6. Sam starts at (0, 0) and walks 6 units right and 3 units up. At what point does Sam stop?

Answer: **(6, 3)**

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

Answer: **(2, 5)**

8. On a town map, the library is at (6, 10) and the park is at (6, 3). How many units apart are they?

Answer: **7 units**

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 6 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. A garden plan shows a tree at (9, 5) and a bench at (9, 10). How many units is it from the tree to the bench?

Answer: **5 units**

2. Ivy starts at (7, 2) and walks 2 units right and 1 units up. At what point does Ivy stop?

Answer: **(9, 3)**

3. On a city map, the bakery is at (9, 7) and the museum is at (0, 7). How many units apart are they?

Answer: **9 units**

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

Answer: **(6, 0)**

5. Sam starts at (2, 6) and walks 1 units left and 2 units up. At what point does Sam stop?

Answer: **(1, 8)**

6. On a map, the school is at (4, 7) and the pool is at (2, 7). How many units apart are they?

Answer: **2 units**

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

Answer: **3 units**

8. A toy robot starts at (9, 10). It moves 6 units left and then 2 units down. Where is the robot now?

Answer: **(3, 8)**

Coordinate Plane Word Problems - ANSWER KEY

Grade 5 | Solving map and movement problems with ordered pairs in the first quadrant | Version 7 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 (1, 1) and the museum is at (8, 1). How many units apart are they?

Answer: **7 units**

2. A garden plan shows a tree at (8, 5) and a bench at (8, 7). How many units is it from the tree to the bench?

Answer: **2 units**

3. A toy robot starts at (4, 10). It moves 2 units left and then 1 units down. Where is the robot now?

Answer: **(2, 9)**

4. Omar rides a bike from (0, 10). Omar goes 2 units right and then 1 units down. Where does Omar end up?

Answer: **(2, 9)**

5. Jude starts at (8, 0) and walks 1 units right and 6 units up. At what point does Jude stop?

Answer: **(9, 6)**

6. On a town map, the library is at (8, 4) and the park is at (8, 9). How many units apart are they?

Answer: **5 units**

7. On a map, the school is at (0, 4) and the pool is at (7, 4). How many units apart are they?

Answer: **7 units**

8. Lily starts at (9, 1) and walks 1 units left and 1 units up. At what point does Lily stop?

Answer: **(8, 2)**

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)**

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)**

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**