

# Class 9 Mathematics - Orienting Yourself: The Use of Coordinates

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Medium Worksheet 2

### Questions

1. Write the coordinates of the reflection of A(4, 3) in the y-axis.
2. Write the coordinates of the reflection of B(-6, 5) in the y-axis.
3. Write the coordinates of the reflection of C(3, -7) in the x-axis.
4. Write the coordinates of the reflection of D(-2, -4) in the x-axis.
5. What happens to the x-coordinate when a point is reflected in the y-axis?
6. What happens to the y-coordinate when a point is reflected in the x-axis?

### Answer Key

1. (-4, 3)
2. (6, 5)
3. (3, 7)
4. (-2, 4)
5. Its sign changes.
6. Its sign changes.