

Class 9 Mathematics - Orienting Yourself: The Use of Coordinates

Name: _____

Date: _____

Advanced Worksheet 3

Questions

1. A point P is 6 units to the right of the y-axis and 8 units above the x-axis. Write its coordinates.
2. A point Q is 5 units to the left of the y-axis and 7 units below the x-axis. Write its coordinates.
3. In which quadrants do P and Q lie?
4. Reflect P in the y-axis.
5. Reflect Q in the x-axis.
6. Name the quadrants of the reflected points.

Answer Key

1. (6, 8)
2. (-5, -7)
3. P → Quadrant I, Q → Quadrant III
4. (-6, 8)
5. (-5, 7)
6. Quadrant II and Quadrant II