5.3 Key Concepts 2 Characteristics of Points in Each Quadrant Worked Example
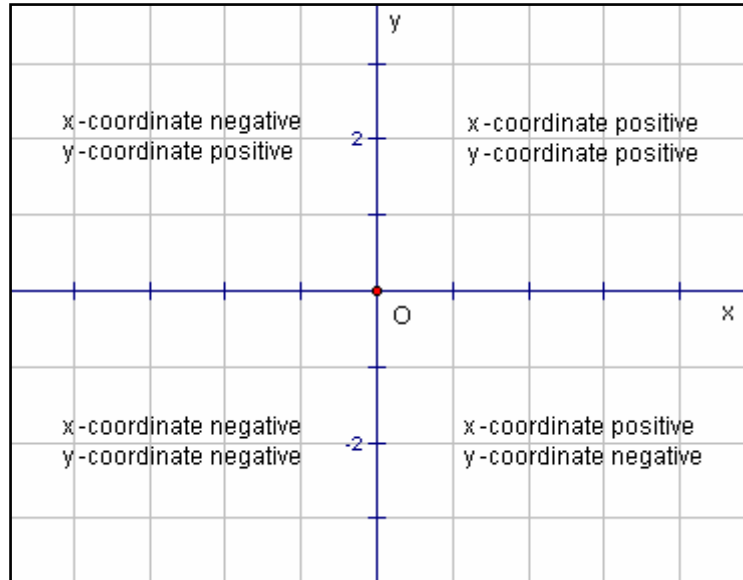
Example: What quadrant does the point Q(3, −2) lie in?

Solution: The characteristics of the points in each quadrant are summarized as shown. Therefore, point Q lies in the fourth quadrant.

Practice:

1. What quadrant does the point R(−4, −2) lie in?

2. What quadrant does the point S(−5, 2) lie in?

Answers: 1. the third. 2. the second.