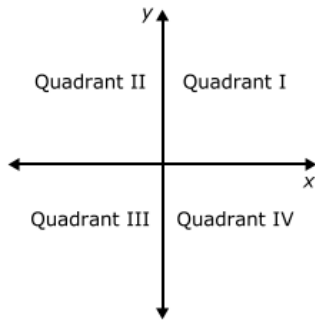


### Objective 6/7

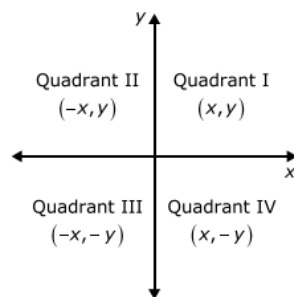
Identify the quadrant of an ordered pair

Example 1: In which quadrant is the point (4,-2)

Step 1: Draw a coordinate grid. Label the quadrants and axes of the grid.



Step 2: Write the signs for the x and the y values in each quadrant



Step 3: Look at the x- and y-values of the point (4, -2). Determine which quadrant it is in. The point (4,-2) has a positive x-value and a negative y-value. The point (4,-2) is in Quadrant IV. ←

Answer is Quadrant IV

#### **Guided Practice:**

Determine the quadrant for the following ordered pairs:

(-3,-7)

(7,-4)

**Independent Practice:** In which quadrant is the following ordered pairs?

1. (3,-4)
2. (-3,-8)
3. (5,2)
4. (9,8)
5. (-5,2)
6. (6,-5)
7. (-1,-1)
8. (-8.1)

#### **Additional Help:**

[https://learnzillion.com/lesson\\_plans/7116-determine-the-quadrant-of-a-point#fndtn-lesson](https://learnzillion.com/lesson_plans/7116-determine-the-quadrant-of-a-point#fndtn-lesson)