

Understand Signs of Numbers in Ordered Pairs - Guided Lesson Explanation**Explanation#1**

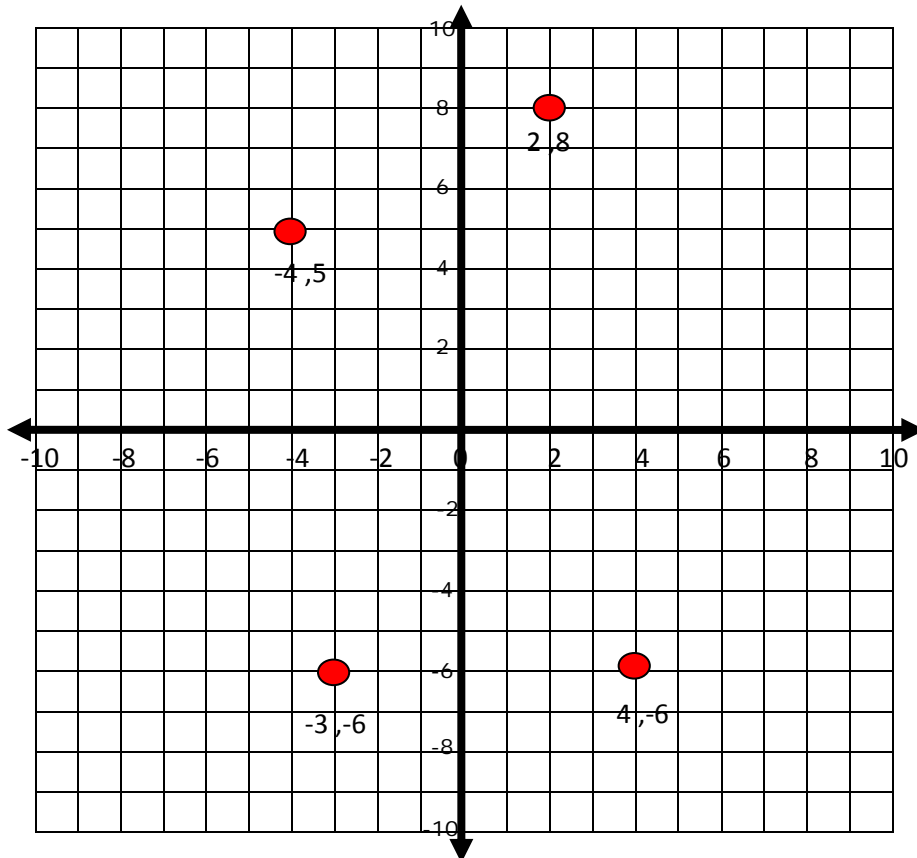
Step 1) Plot the points.

a) $(4, -6)$

b) $(-3, -6)$

c) $(-4, 5)$

d) $(2, 8)$



Step 2a) A positive number tells you to move right or up.
A negative number tells you to move left or down.

Step 2b) Quadrant I is to the right and up. Look for a point with a positive first coordinate and a positive second coordinate.

Answer is : I Quadrant



Name _____

Date _____

Explanation#2

Step 1) A positive number tells you to move right or up.

A negative number tells you to move left or down.

Step 3) Quadrant IV is to the right and down. Look for a point with a positive first coordinate and a negative second coordinate.

(3, -4) point is in Quadrant IV.

Therefore, answer is: (3, -4).

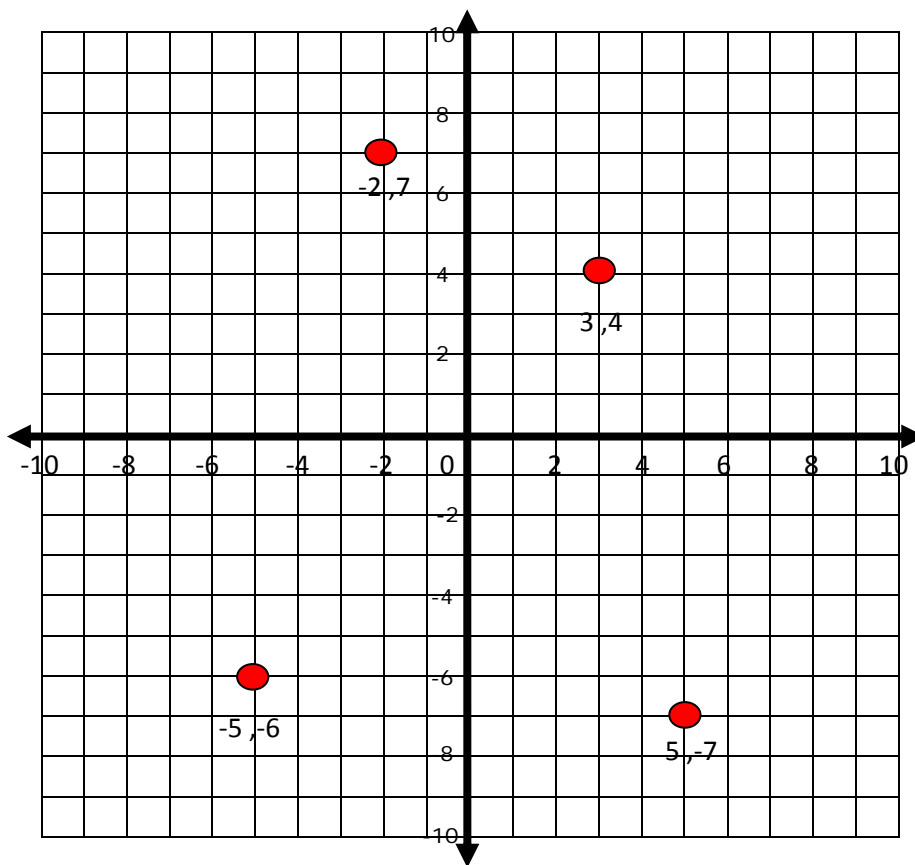
Explanation#3 Plot the points.

a) (5, -7)

b) (3, 4)

c) (-5, -6)

d) (-2, 7)



Step 2a) A positive number tells you to move right or up.

A negative number tells you to move left or down.

Step 2b) Quadrant IV is to the right and down. Look for a point with a positive first coordinate and a negative second coordinate.

Answer is: IV Quadrant

