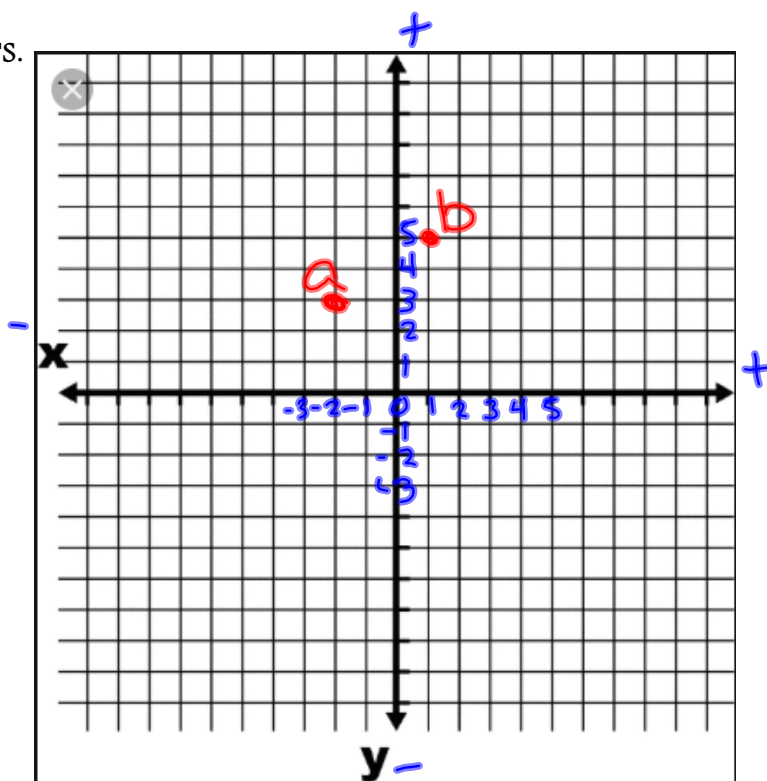


Warm Up: Plot the following points on the graph below & label them with their corresponding letters.

$(x,y)$

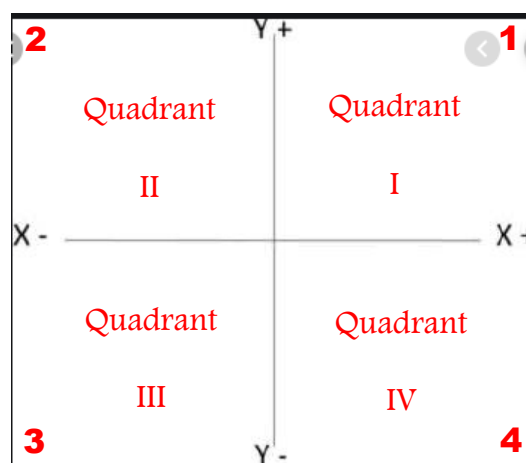
- (a)  $(-2,3)$
- (b)  $(1,5)$
- (c)  $(4,-2)$
- (d)  $(-4,-1)$



Check in with one of us before moving on to the next activity.

# Plotting Points

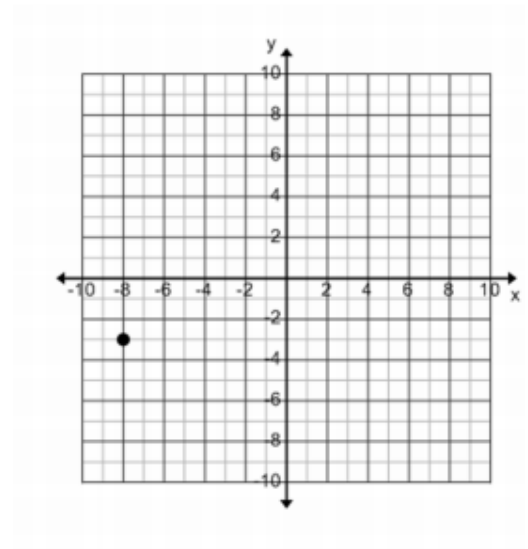
$(x, y)$



How to:

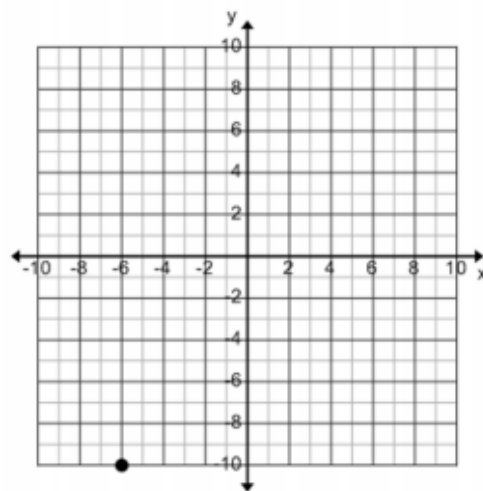
1. MOVE LEFT (negative) OR RIGHT (positive)  
(use your finger to find the first number on the x axis)
2. MOVE UP (positive) OR DOWN (negative)  
(with your finger still on that value, slide your finger up or down the appropriate number of units)

1.

**Recognizing Coordinates**

- A)  $K(-8, -4)$       B)  $K(-7, 3)$   
C)  $K(-3, -8)$       D)  $K(-8, -3)$

2.



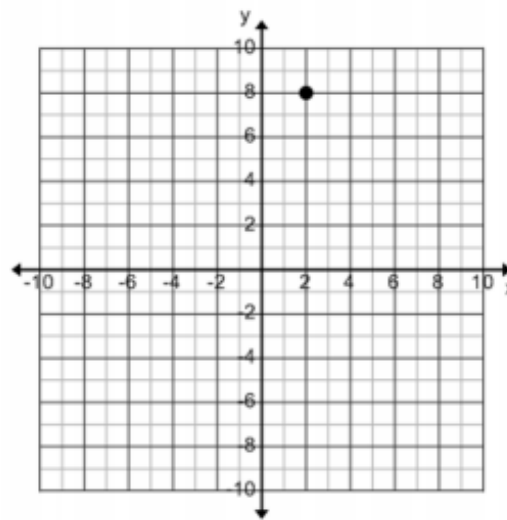
A)  $H(-10, -6)$

B)  $H(-6, -9)$

C)  $H(-6, -10)$

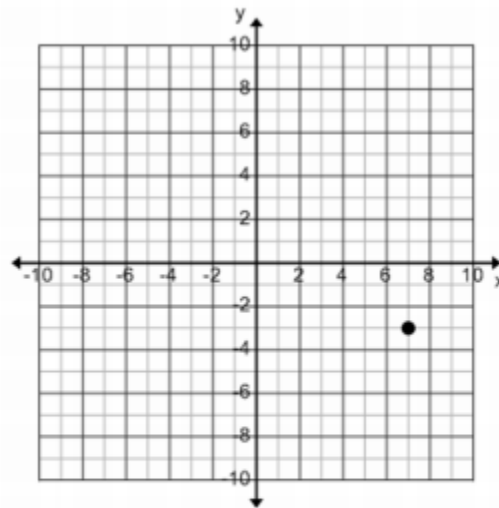
D)  $H(6, -9)$

3.



- A)  $D(3, 8)$       B)  $D(2, 8)$   
C)  $D(8, 3)$       D)  $D(8, 2)$

4.

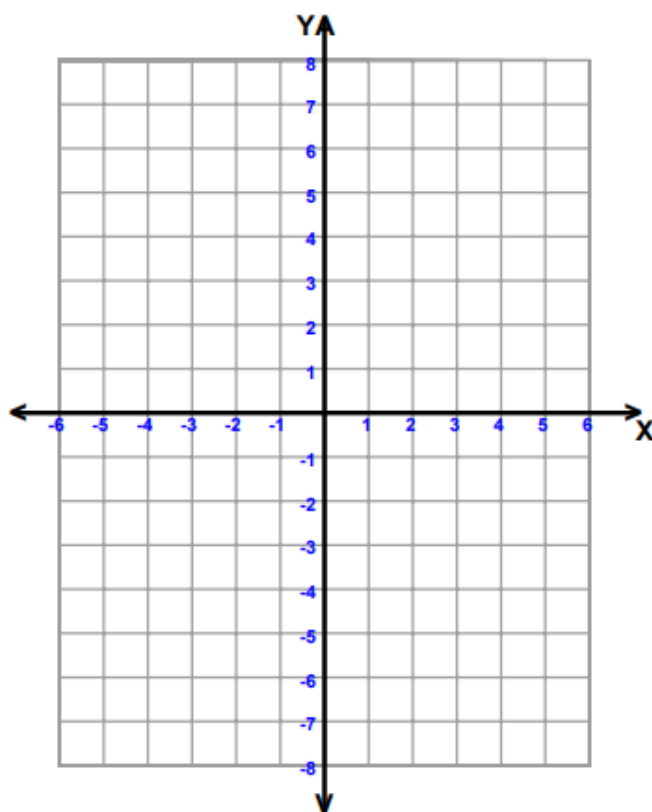


- A)  $L(7, 3)$       B)  $L(7, -3)$   
C)  $L(-3, 7)$       D)  $L(-7, -3)$

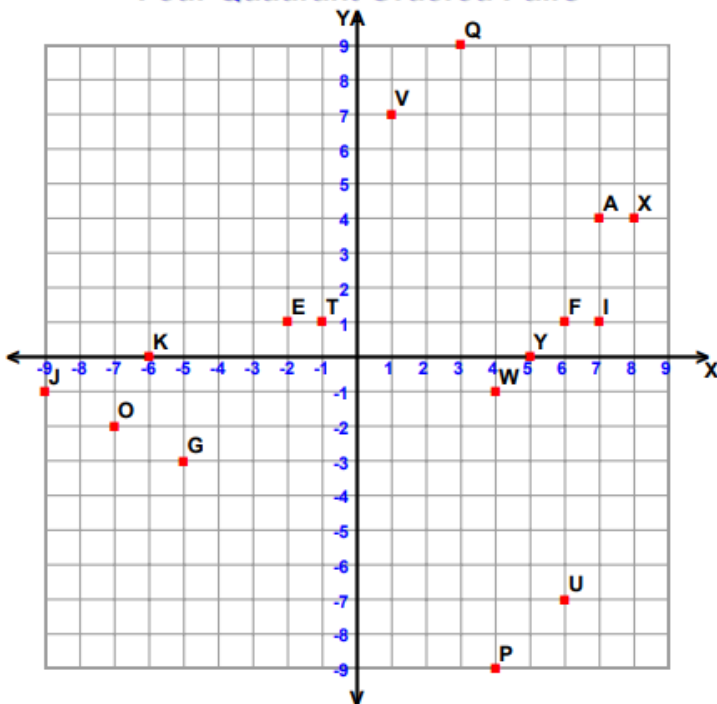
**Now practice plotting points**

Plot each of the points listed below & label them with their corresponding letter:

- a)  $(-2,-1)$
- b)  $(3,5)$
- c)  $(-4,6)$
- d)  $(2,-7)$
- e)  $(0,4)$
- f)  $(-3,0)$



**Four Quadrant Ordered Pairs**



Tell what point is located at each ordered pair.

- |                  |                  |
|------------------|------------------|
| 1) (+4,-1) _____ | 3) (+4,-9) _____ |
| 2) (+5,+0) _____ | 4) (-6,+0) _____ |
| 5) (+7,+1) _____ | 7) (+7,+4) _____ |
| 6) (+3,+9) _____ | 8) (-1,+1) _____ |

Write the ordered pair for each given point.

- |             |             |
|-------------|-------------|
| 9) J _____  | 11) U _____ |
| 10) V _____ | 12) O _____ |
| 13) X _____ | 15) F _____ |
| 14) G _____ | 16) E _____ |

Plot the following points on the coordinate grid.

- |               |               |               |               |
|---------------|---------------|---------------|---------------|
| 17) L (-4,+7) | 19) D (-6,-1) | 21) M (-5,+3) | 23) Z (+1,+0) |
| 18) S (-2,+2) | 20) N (+1,-2) | 22) B (-8,-6) | 24) C (+5,+8) |