Activity 15: Write Your Own Riddle (Fill-in all the blanks!)

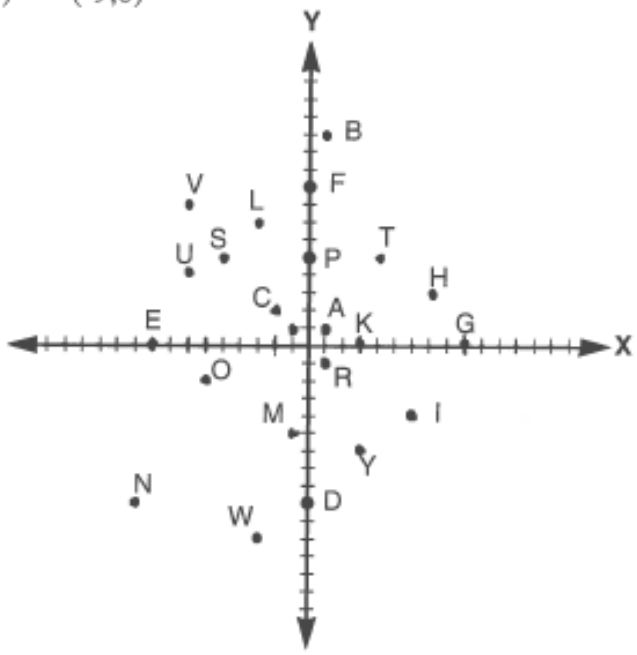
Directions: Use the following coordinate system to match each ordered pair with the letter graphed on that point. On the lines below, write the letter above each ordered pair to write a riddle question as well as to answer it.

Riddle Question

W									
(-3,-11)	(7,3)	(3,-6)		(0,-9)	(6,-4)	(0,-9)			
(4,5)	(7,3)	(-9,0)		(-5,5)	(-7,4)	(1,-1)	(0,9)	(-9,0)	(1,-1)
(0,-9)	(-7,4)	(0,-9)	(-9,0)		(-2,2)	(1,-1)	(-6,-2)	(-5,5)	(-5,5)
(4,5)	(7,3)	(-9,0)		(-6,-2)	(-2,2)	(-9,0)	(1,1)	(-10,-9)	?

Answer:

(4,5)	(-6,-2)		(9,0)	(-9,0)	(4,5)		(4,5)	(-6,-2)
(4,5)	(7,3)	(-9,0)		(-6,-2)	(4,5)	(7,3)	(-9,0)	(1,-1)
(4,5)	(6,-4)	(0,-9)	(-9,0)					



❑ Graphing on the Cartesian Coordinate System

The Cartesian Coordinate System consists of two number lines, one running horizontally, called the *x-axis*, and one running vertically, called the *y-axis*. These two number lines intersect at a common point called the origin, which is located at (0, 0). To locate other points, ordered pairs are used, which are sets of two numbers, each containing the x value and the y value. Below, is an example of graphed numbers.

Hint: When graphing the numbers, remember that the first number is always the x value (so move horizontally first) and the second value is the y value (so move up or down for the second step).

A (3, 2)

B (-2, 3)

C (0, 0)

D (-1, -4)

E (3, -4)