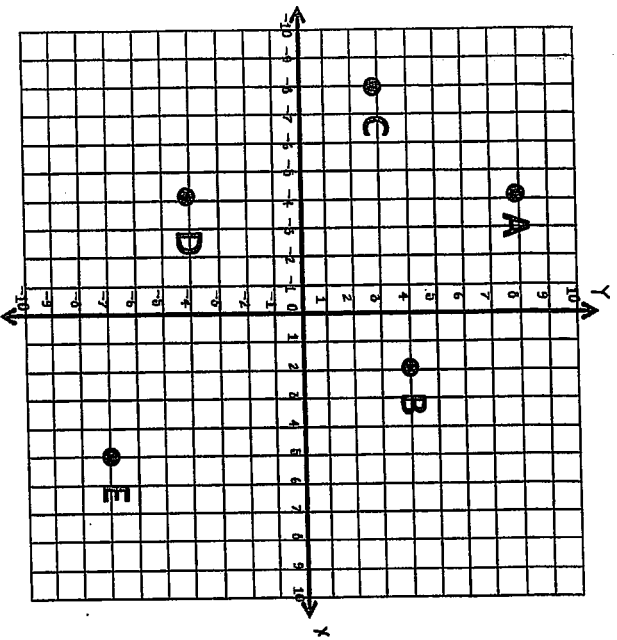
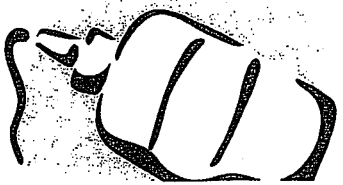


List the ordered pair of numbers that corresponds with each letter from the grid below.



1. Point A
2. Point B
3. Point C
4. Point D
5. Point E



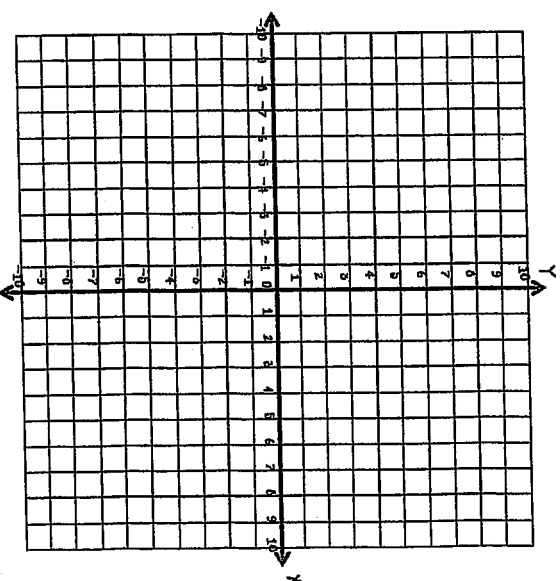
Glue this panel to your notebook.

Name: _____

Coordinate Plane

A coordinate plane is formed by the intersection of a horizontal number line and a vertical number line. The number lines intersect at the **origin** and separate the coordinate plane into four regions called **quadrants**.

Label the four quadrants.



Vocabulary

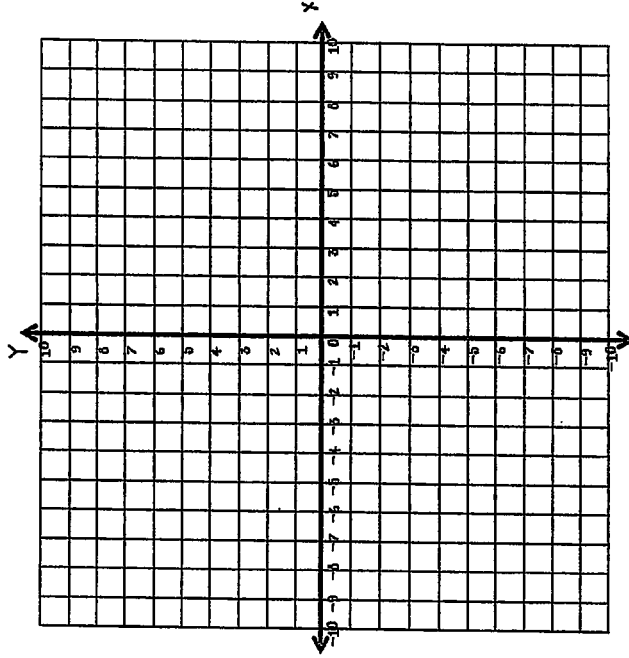
Origin x-axis y-axis
 Quadrants y-coordinate
 x-coordinate Ordered Pair

Fill in the blank with the correct vocabulary word.

- The _____ corresponds to a number on the x-axis. (First-coordinate)
- The horizontal number line is called the _____.
- The point where the number lines intersect is called the _____.
- An _____ is a pair of numbers used to locate a point in a coordinate plane.
- The vertical number line is called the _____.
- The _____ corresponds to a number on the y-axis. (Second-coordinate)
- The four regions on the coordinate plane are called _____.

Plot and label the ordered pairs on the coordinate plane.

A (3, 4) B (-3, -4)
 C (-5, 7) D (0, 0)
 E (7, 2) F (5, -8)



Which ordered pair represents the origin?

Explain how to locate points on the coordinate plane.

Name the quadrant in which each of the points lie. If the point does not lie in a quadrant, specify which axis the point lies on.

- (-3, 5)
- (6, 8)
- (0, 7)
- (4.5, -2)
- (-6, -9)
- (-1, 0)
- (0.5, -3)

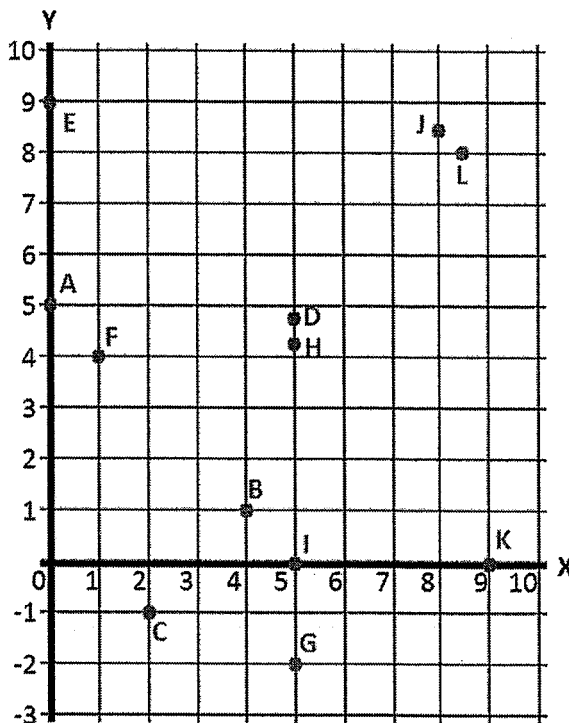
* be careful

Homework: Module 3 Lesson 14 & 15

The first coordinates of the ordered pairs represent the numbers on the line labeled x , and the second coordinates represent the numbers on the line labeled y .

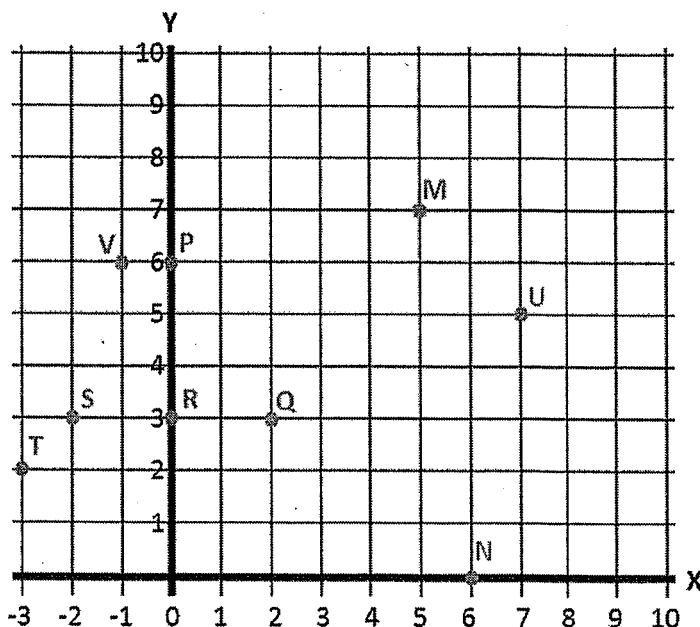
1. Name the letter from the grid below that corresponds with each ordered pair of numbers below.

- | | |
|------------|-------------|
| a. (1, 4) | b. (0, 5) |
| F | |
| c. (4, 1) | d. (8.5, 8) |
| e. (5, -2) | f. (5, 4.2) |
| g. (2, -1) | h. (0, 9) |



2. List the ordered pair of numbers that corresponds with each letter from the grid below.

- | | |
|---------------|-----------|
| Point M | Point S |
| (5, 7) | |
| Point N | Point T |
| Point P | Point U |
| Point Q | Point V |



3. Label each quadrant

Label the x and y axis

Label the origin

* Locate and label each point described by the ordered pairs below. See eg. on Coordinate Pl.

Indicate which of the quadrants the points lie in.

Number the x and y axis with the correct scale.

a. $(7, 2)$

b. $(3, -4)$

c. $(1, -5)$

d. $(-3, 8)$

e. $(-2, -1)$

