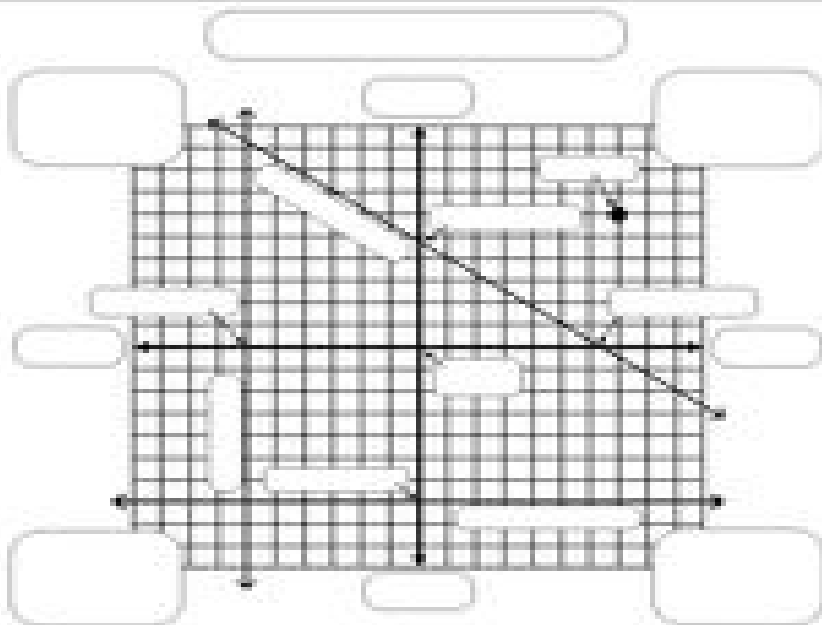


GRAPHING LINEAR EQUATIONS VOCABULARY



- VOCABULARY**
- coordinate plane
 - coordinate
 - diagonal line
 - horizontal line
 - ordered pair
 - origin
 - point
 - quadrant
 - vertical line
 - x-axis
 - y-axis
 - x-coordinate
 - y-coordinate
 - intercept
 - quadrant

The coordinate plane is formed by a horizontal number line, called the _____, and a vertical number line, the _____.

Each _____ on the coordinate plane has an address, called the _____, (x,y).

The point where the axes cross is called the _____. Its coordinates are (_____, _____).

The _____ gives the location on the x-axis and the _____ gives the location on the y-axis.

A _____ equation with two variables has an _____ number of _____.

Each _____ can be represented by a _____ on the coordinate plane.

These points form a _____ called the _____ of the equation.

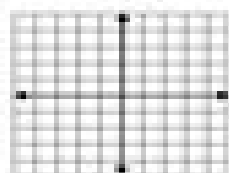
Order the ordered pairs that are solutions to the equation $2x + y = 10$

- (8, 2)
- (4, 2)
- (8, -4)
- (-2, 4)
- (5, 2)
- (8, 8)
- (5, 5)
- (3.5, 3)
- (3, 4)



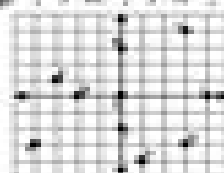
plot the following points:

- (0, 1)
- (7, -1)
- (8, -3)
- (-1, 5)
- (-2, -8)
- (2, 8)
- (3, -3)
- (3, 5)



write ordered pairs for each point

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J



write ordered pairs of points found on the graph

- (_____, _____)
- (_____, _____)
- (_____, _____)

