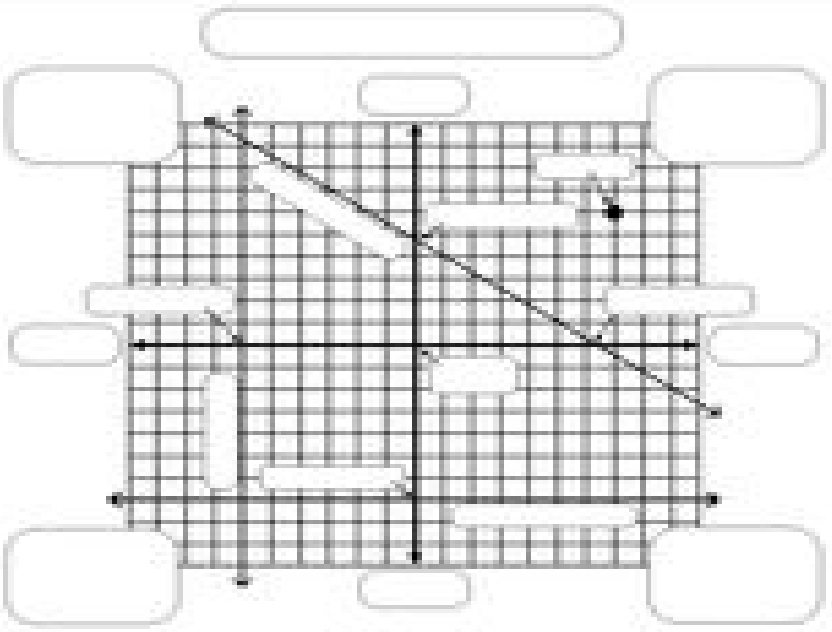
GRAPHING LINEAR EQUATIONS VOCABULARY



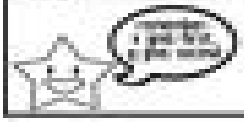
VOCABULARY

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

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 _____. It's 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.

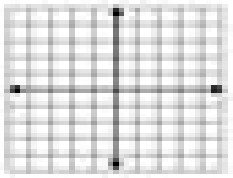
Circle the ordered pairs that are solutions to the equation $2x+y=8$

(3,2)	(5,2)	(8,-8)
(-2,4)	(3,2)	(8,8)
(3,8)	(0.5,5)	(3,2)



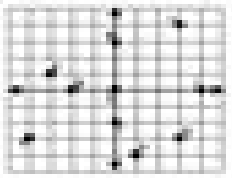
plot the following points

(3,2) (5,-2) (8,-3) (-1,5)
(-2,-5) (2,5) (3,-3) (2.5,3)



write ordered pairs for each point

a) (,) b) (,) c) (,)
d) (,) e) (,) f) (,)
g) (,) h) (,) i) (,)



write ordered pairs of points found on the graph

(,) (,)
(,) (,)