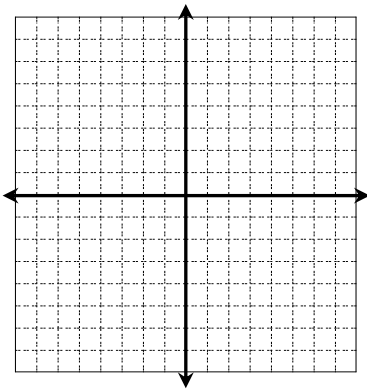


<u>1<sup>st</sup> Target: Graphing Equations of Lines</u>	____ / 14 pts Pass / Revisit
<u>2<sup>nd</sup> Target: Finding Slope</u>	____ / 10 pts Pass / Revisit
<u>3<sup>rd</sup> Target: Domain/Range</u>	____ / 6 pts Pass / Revisit
<u>4<sup>th</sup> Target: Writing Equations of Lines</u>	____ / 24 pts Pass / Revisit
<u>5<sup>th</sup> Target: Scatter Plots/Solutions</u>	____ / 12 pts Pass / Revisit

1<sup>st</sup> Target: Graphing Equations of Lines

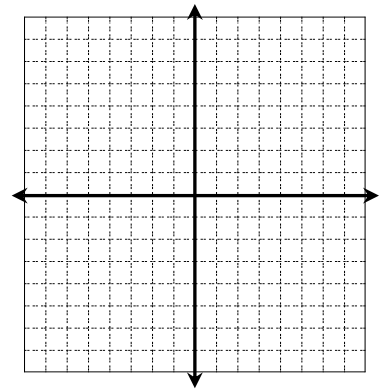
a. Graph

$$y = 2x - 3$$



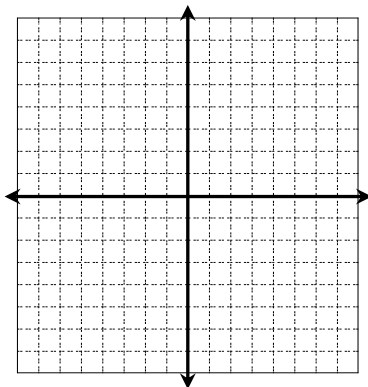
b. Graph

$$y = -3x + 4$$



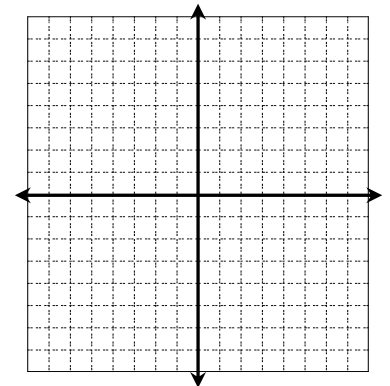
c. Graph

$$y = \frac{2}{3}x - 5$$

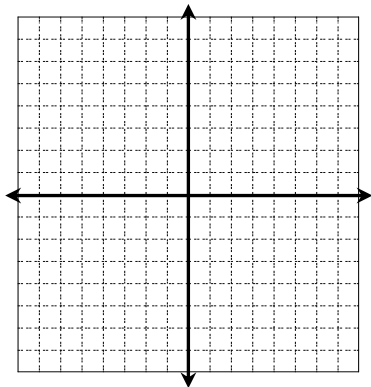


d. Graph

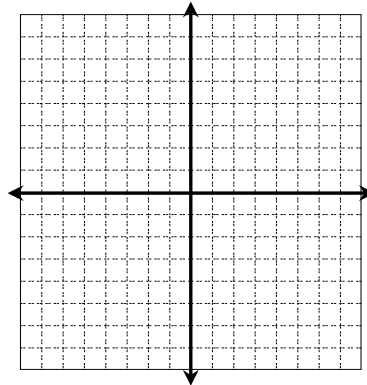
$$y = -\frac{3}{2}x + 4$$



e. Graph  
 $y = -3$



f. Graph  
 $x = 2$



2<sup>nd</sup> Target: Finding Slope

a. Find the slope between (2, 1) and (6, 13)

b. Find the slope between (-2, -5) and (4, -3)

c. For A(-1, 4) and B(2, 5), find the slope of the line  
that is parallel to  $\overleftrightarrow{AB}$ .

d. For (-5, 4) and (3, 6), find the slope of the line that  
is parallel to  $\overleftrightarrow{AB}$ .

A.  $\frac{1}{3}$

B. -3

C.  $\frac{3}{2}$

D.  $-\frac{2}{3}$

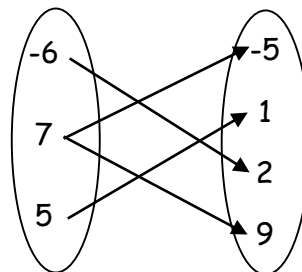
E. None of these

### 3<sup>rd</sup> Target: Domain/Range

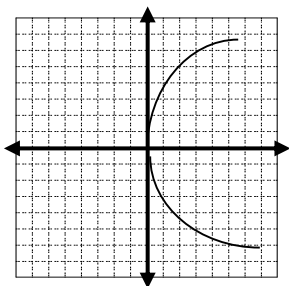
a. Identify the domain and range. Then, determine if each relation is a function. (2 pts)

a.)  $\{(1, 6), (-2, 7), (5, 6), (-4, 8)\}$

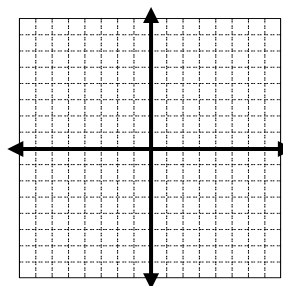
b. Identify the domain and range. Then, determine if each relation is a function. (2 pts)



c. Determine if the following is a function: (1 pts)



d. Determine if the following is a function: (1 pt)



### 4<sup>th</sup> Target: Writing Equations of Lines

a. Using **Slope-Intercept**, write the equation of the line if the slope is 2 and passes through the point (3, 10).

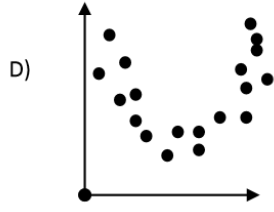
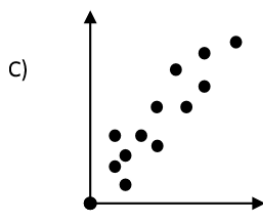
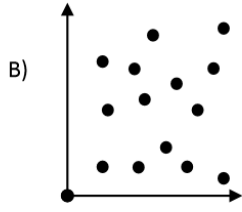
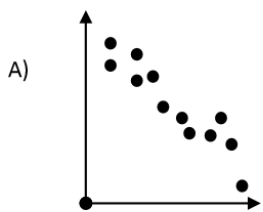
b. Using **Slope-Intercept**, write the equation of the line if the slope is  $-\frac{1}{2}$  and passes through the point (4, -3)

c. Write the equation of the line that passes through the point  $(-2, 2)$  and  $(4, 14)$ .

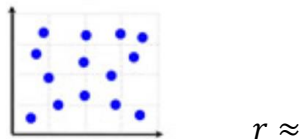
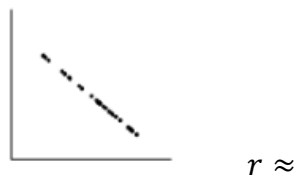
d. Write the equation of the line that passes through the point  $(9, -5)$  and  $(5, 3)$ .

**5<sup>th</sup> Target: Scatter Plots and Solutions**

a. Which graph represents a negative correlation?



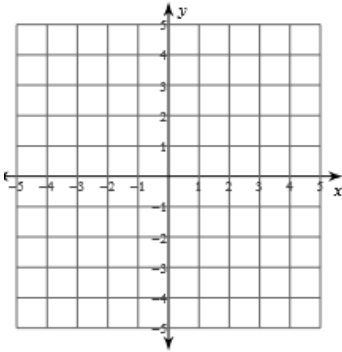
b. Estimate the  $r$  values for the following scatterplots  
(3 pts)



c. What is the solution for the following lines?

$$y = -\frac{5}{3}x + 3$$

$$y = \frac{1}{3}x - 3$$



d. What is the solution for the following lines?

$$y = 2x - 7$$

$$y = 3$$

e. What is the solution for the following lines?

$$y = 4x + 9$$

$$y = 7x - 4$$