

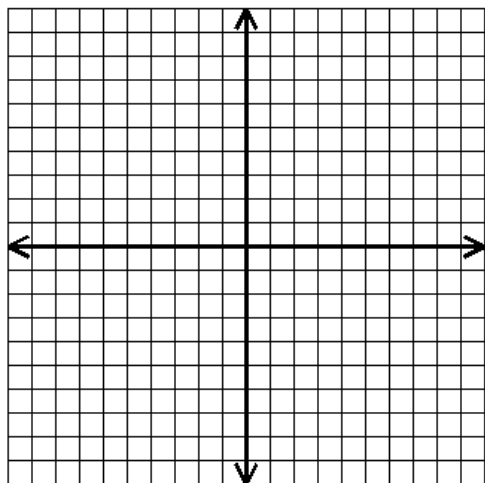
NAME \_\_\_\_\_

DATE \_\_\_\_\_

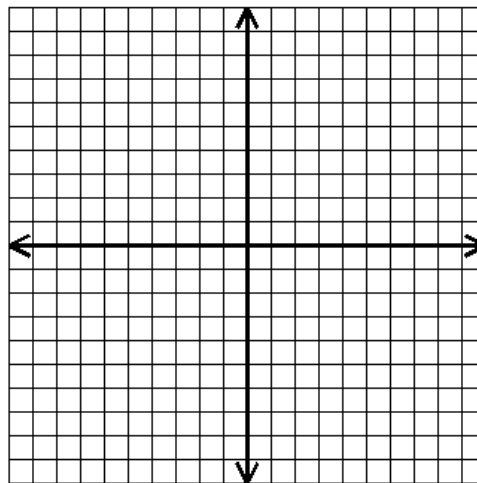
PER. \_\_\_\_\_

### MAKING CONNECTIONS

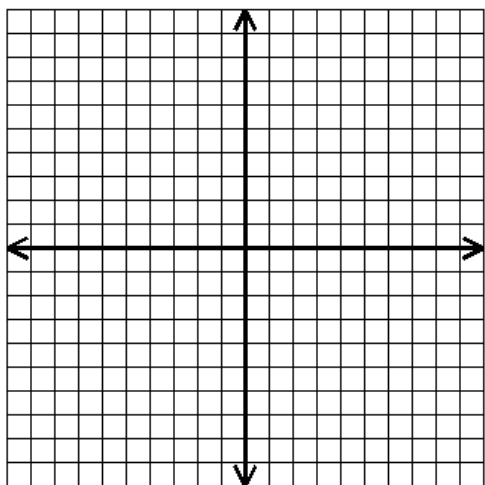
1. Graph the line:  $y = -2x + 8$



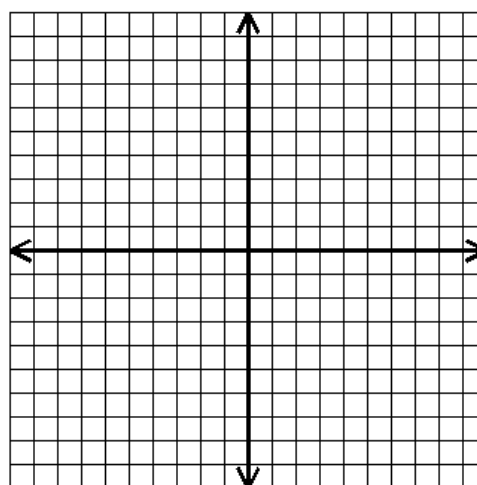
2. Graph the line:  $y = \frac{-5}{2}x - 9$



3. Graph the line through  $P(-3, 2)$  with  $m = \frac{2}{3}$

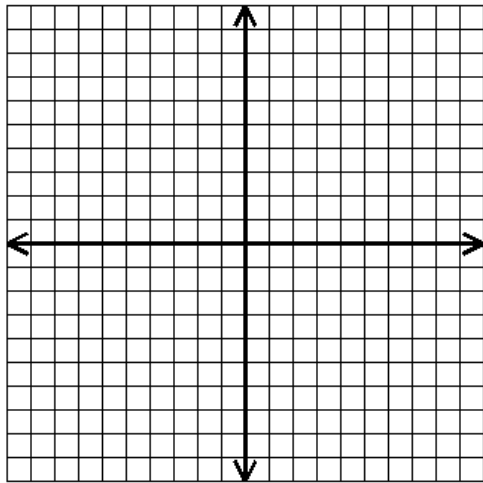


4. Graph the line:  $y = -2x - 6$



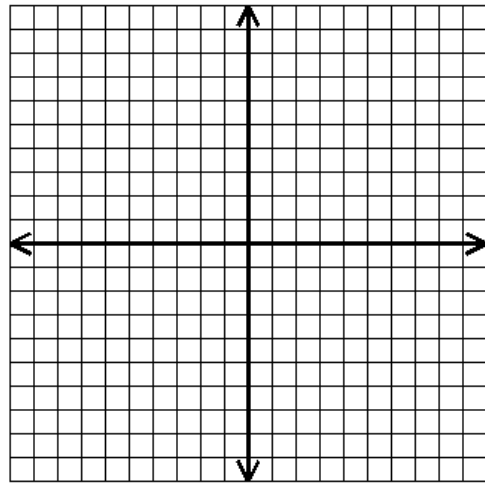
5. Write the equation of a line with a slope of  $\frac{1}{2}$  and a y-intercept of -3. Then graph.

Equation: \_\_\_\_\_



6. Graph the line:  $y = 2x - 5$

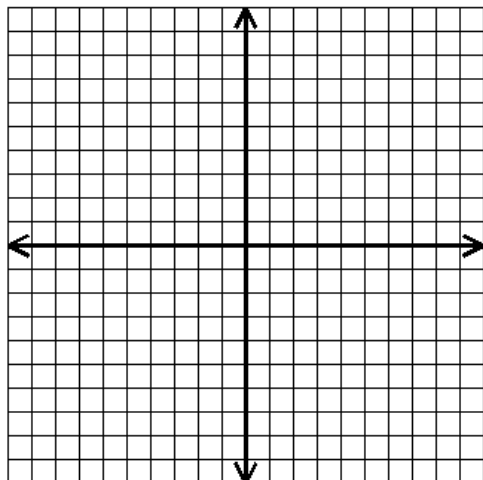
m = \_\_\_\_\_ b = \_\_\_\_\_



7. Find the slope between (3, 4) and (-3, 0). Then graph.

m = \_\_\_\_\_ b = \_\_\_\_\_

Equation: \_\_\_\_\_

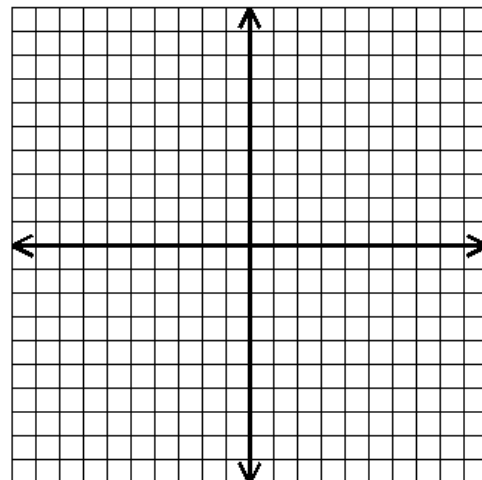


8.

x	y
6	10
-1	-4
-2	-6
-3	-8

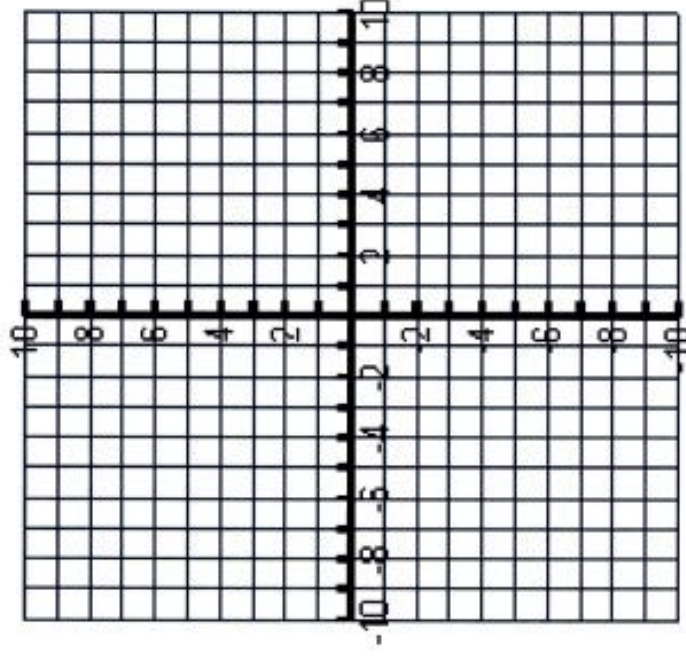
m = \_\_\_\_\_ b = \_\_\_\_\_

Equation: \_\_\_\_\_



1. Find the missing information

Point A	$(2, 4)$
Slope	$-2$
Equation of a line	
y-intercept	
Name 2 other points	



2. Find the missing information

Plot Point A	$(3, 8)$
Plot Point B	$(-6, -4)$
Find the Slope	
Find y-intercept	
Write the Equation of the line	

