

Name _____

Date _____

HW #21

Period _____

x	y
-2	-8
-1	-6.5
0	-5
1	-3.5
2	-2

1) Use the table to determine (Show all work and formulas)

$m =$ _____

y – Intercept _____

x – Intercept _____

Graph Description _____

Slope Intercept Equation _____

Point Slope Equation _____

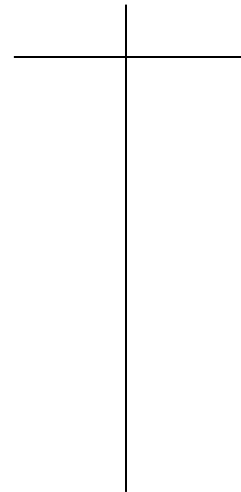
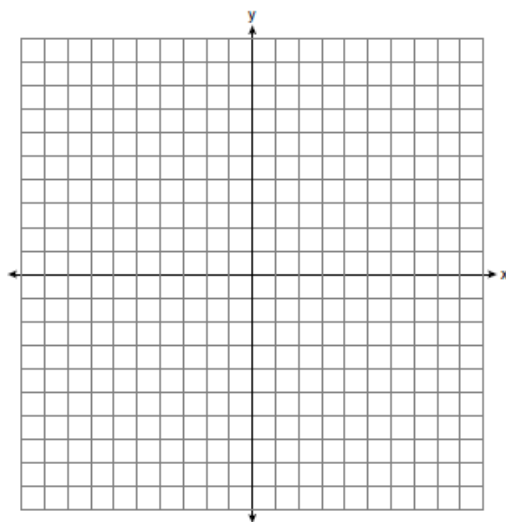
2) $y = \frac{5}{2}x - 10$

$m =$ _____

$b =$ _____

x – intercept _____

y – intercept _____



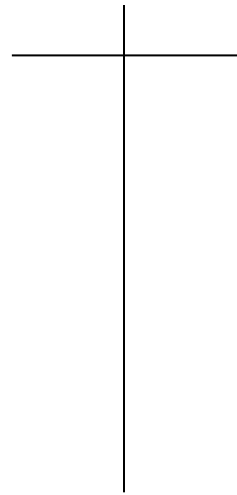
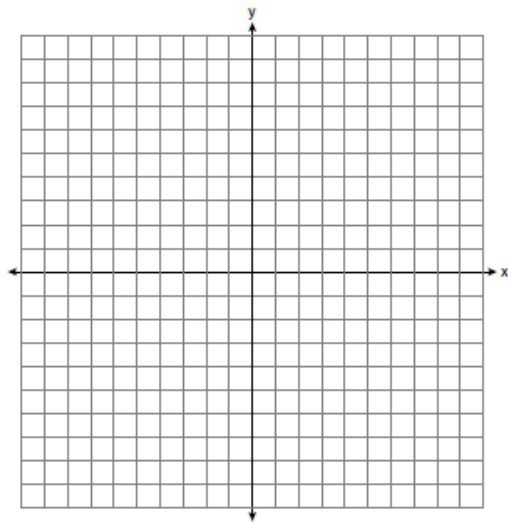
3) $3y + 9x = 27$

$m =$ _____

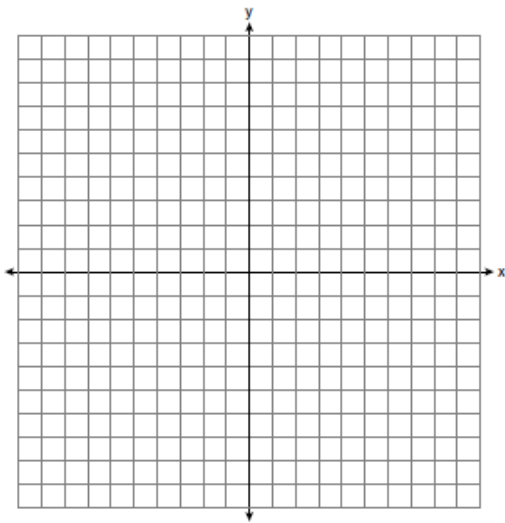
$b =$ _____

x - *intercept* _____

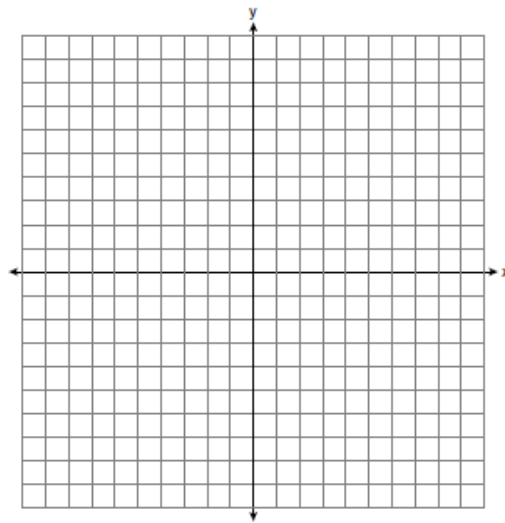
y - *intercept* _____



4) $y = -2$



5) $x = 4$



6) Write the equation of a line given the point $(7, -3)$ and the slope $\frac{5}{7}$.

7) Write the equation with the points $(3, 10)$ and $(6, -5)$.