



Name: _____

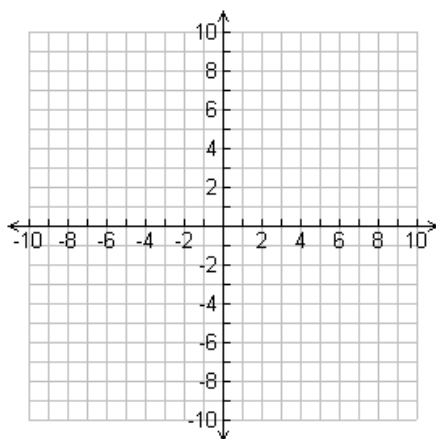
Objective: Slope

1. Calculate the slope between the two points.
 (-5,6) and (-4, 3)

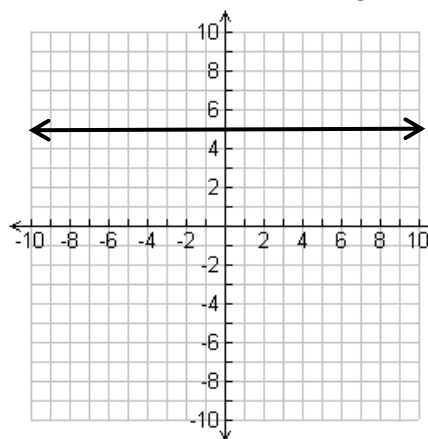
2. Calculate the missing coordinate
 (-10, 2) and (x, -3) given a slope of $\frac{1}{4}$

Objective: Vertical and Horizontal Lines

3. Graph the line $x = -8$



4. What is the equation of the given line?



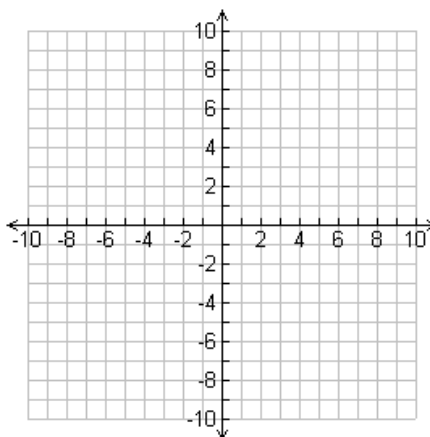
Objective: Graphing with Intercepts

State the x- and y-intercepts and Graph.

5. $-6x + 4y = 12$

x-intercept: _____

y-intercept: _____



Objective: Graph Using Slope-Intercept Form:

Identify the slope and y intercept of the following lines and then graph them.

6. $-4y = 16$

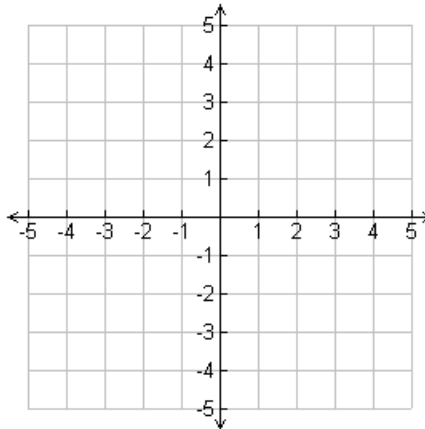
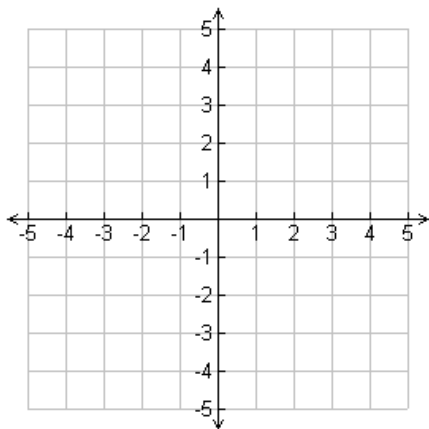
$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$

7. $5y + 5x = 10$

$m = \underline{\hspace{2cm}}$

$b = \underline{\hspace{2cm}}$



Objective: Parallel and Perpendicular Lines

Tell whether the following pairs of lines are parallel, perpendicular or neither.

8. Lines with slopes $m = 3$ and $m = 3$

9. Lines with slopes $m = -2$ and $m = \frac{1}{2}$

10. $y = 8x - 3$, $y = 8x - 3$

11. $y = 5 - 2x$, $-6 + 2y = x$

Objective: Graphing lines with a restricted Domain/Range

6. $y = 4$ Domain of $x \leq -2$

