

MasterMath

Name _____

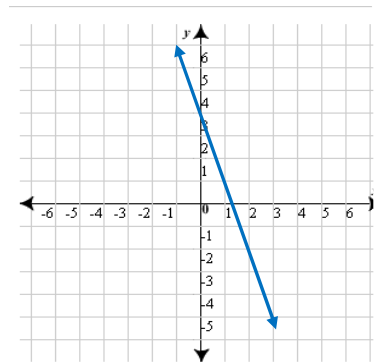
Graphing Linear Equations in Slope-Intercept Form

Date _____

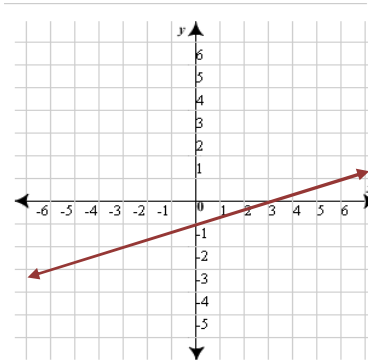
1. Find the slope and the y-Intercept for each of these equations:

Equation	Slope	y-Intercept
$3x + y = 6$	-3	6
$4y - 2 = x$.25	.5
$y = 3x$	3	0
$x = 2y - 3$.5	1.5
$y = 6x - 4$	6	-4
$2x = 2y + 6$	1	-3
$y - x = 0$	1	0

2. Graph this equation: $y = 4 - 3x$



3. What is the equation for the line shown here?



$y = .33x - 1$

4. The taxi charges a flat fee of \$3, plus an additional charge of \$4 per mile. Write an equation for this fee system, where y = total taxi fare, and x = number of miles traveled. Then graph the equation.



Equation

$y = 4x + 3$

