

Name \_\_\_\_\_

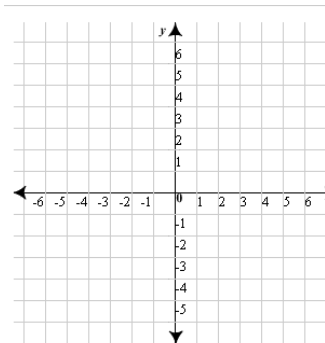
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## Graphing Linear Equations in Slope-Intercept Form

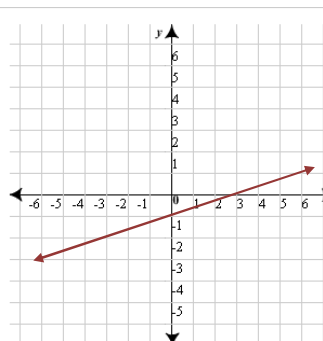
1. Find the slope and the y-Intercept for each of these equations:

Equation	Slope	y-Intercept
$3x + y = 6$		
$4y - 2 = x$		
$y = 3x$		
$x = 2y - 3$		
$y = 6x - 4$		
$2x = 2y + 6$		
$y - x = 0$		

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



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




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

