

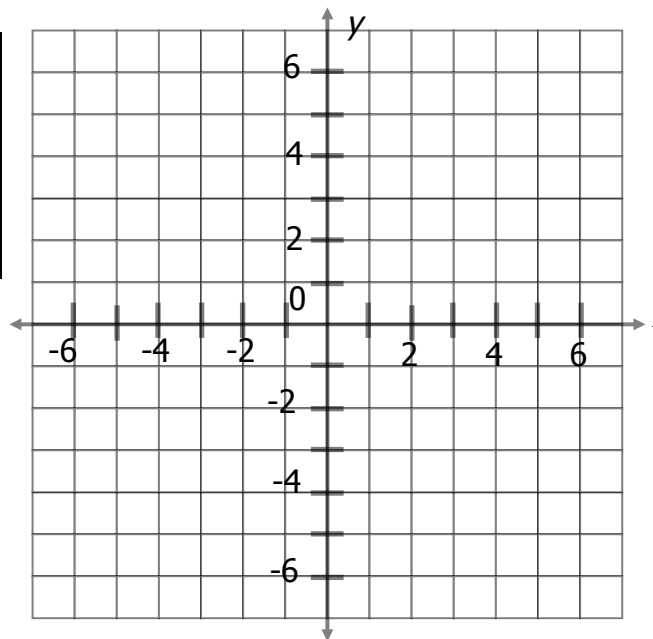
## P.S. #4.4 - Graphing Lines

Name \_\_\_\_\_ Class \_\_\_\_\_

Fill in the chart for each equation. Graph the lines on the graph provided.

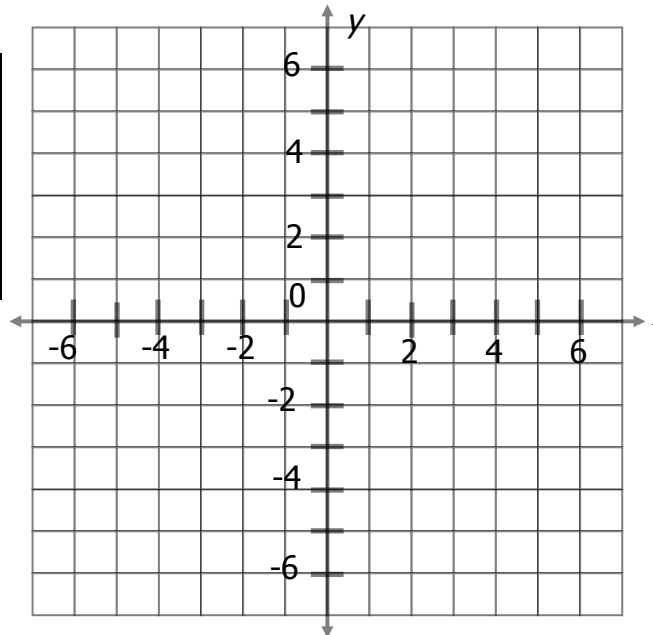
1.)

Problem	Slope-Intercept Form	Slope	Y-Intercept
$y = 3x - 4$			



2.)

Problem	Slope-Intercept Form	Slope	Y-Intercept
$y = -x + 1$			



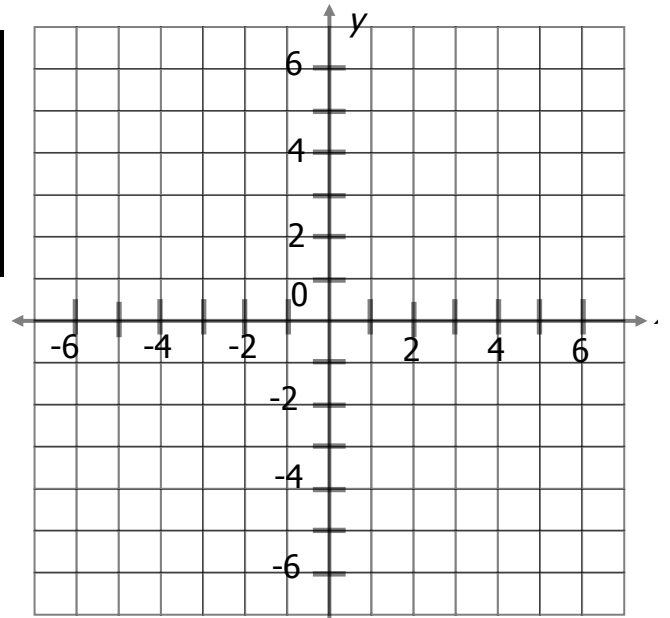
3.) Find the rate of change (slope) for the table of values below.

<b>x</b>	2	4	6	8
<b>y</b>	5	9	13	17

Fill in the chart for each equation. Graph the lines on the graph provided.

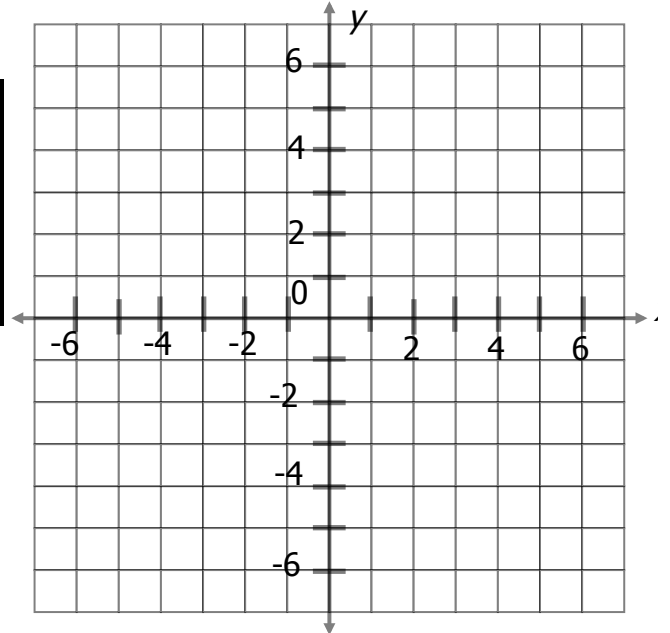
4.)

Problem	Slope-Intercept Form	Slope	Y-Intercept
$2y = 4x + 6$			



5.)

Problem	Slope-Intercept Form	Slope	Y-Intercept
$3y + 2x - 12$			



6.) What is the slope of a line that passes through the points (5,1) and (-7,3)?

7.) What is  $4^{-3}$ ?

8.) What is  $(5^7)^3$ ?