Algebra 1   Name_____

Slope Intercept Form Homework

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

1) Slope $= \dfrac{1}{2}$, y-intercept $= -1$

2) Slope $= 1$, y-intercept $= -1$

Write the slope-intercept form of the equation of each line.
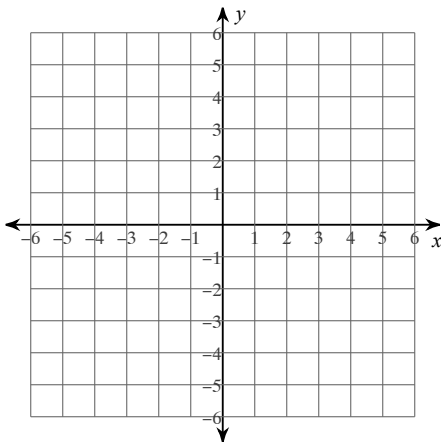
3) $-4 + x - 2y = 0$

4) $-1 = -\dfrac{1}{21}y + \dfrac{2}{7}x$

5) $-57 - 21y = -9x$

6) $-6x + 4 = 2y$

Sketch the graph of each line.

7) $y = \dfrac{1}{2}x - 3$

8) $y = -\dfrac{3}{2}x - 2$