

HOMEWORK!!! Complete your assignment on a separate sheet of paper. Show all Work

- Write an equation for each line in slope-intercept form
 - slope = -3, through (1, -4)
 - slope = $\frac{1}{2}$, through (2, 3)
- What are the intercepts of $3x + y = 6$? Graph the equation.
- If the intercepts of a line are $(a, 0)$ and $(0, b)$, what is the slope of the line?
- Write the equation of the line through (1, 9) and (6, 2) in point-slope form?
- Write an equation of each line in standard form with integer coefficients.
 - $y = -7x - 9$
 - $y = -\frac{3}{5}x + 3$
- Write an equation for the line shown in standard form.

