

# Geo Hw #2 - 9/7

Text p 123 Write an eqn of a line:

#8  $(-8, -5)$

$$m = -\frac{1}{4}$$

$$y - (-5) = -\frac{1}{4}(x - (-8))$$

$$y + 5 = -\frac{1}{4}(x + 8)$$

#9  $(0, 9)$

$$m = \frac{2}{3}$$

$$y - 9 = \frac{2}{3}(x - 0)$$

$$y - 9 = \frac{2}{3}x$$

Text p 154 Identify slope + y-int.

#39  $y = -\frac{1}{2}x + 7$

$$m = -\frac{1}{2}$$

$$b = 7$$

#41  $y = -8x - 6$

$$m = -8$$

$$b = -6$$