

Mastery Check

1) Find the slope and y-intercept.

$$y + 4 = 0$$

2) Find the slope and y-intercept.

$$3x + 5 = 0$$

3) Write the slope intercept forms of the equations of the lines through the given point
(a) parallel to the given line (b) perpendicular to the given line.

$$\left(\frac{7}{8}, \frac{3}{4}\right)$$

$$5x + 3y = 0$$