

P180 cha. 3

$$y = mx + b$$

$$17.) \quad 3y - 6x = 9$$

$$\begin{array}{r} +6x \quad +6x \\ \hline 3y = 6x + 9 \end{array}$$

$$\frac{3y}{3} = \frac{6x}{3} + \frac{9}{3}$$

$$y = 2x + 3$$

$$m = 2$$

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$$16.) \quad y = -x \rightarrow m = -1$$

 $(2, 4)$

$$m_{\perp} = \frac{1}{-1} = 1$$

$$y = x +$$

$$y - y_1 = m(x - x_1)$$

$$y - 4 = 1(x - 2)$$

$$\begin{array}{r} y - 4 = x - 2 \\ +4 \quad +2 \\ \hline y = x + 2 \end{array}$$