

Notes #7 ~ Sect. 2.2: Linear Equations (Part 2)

$$\text{Point-Slope Form : } y - y_1 = m(x - x_1)$$

Ex. 1 : Write in standard form an equation of the line with slope $\frac{5}{6}$ and through the point $(5, 6)$.

Ex. 2: Write an equation in point-slope form of the line that passes through the points $(4, -3)$ and $(5, -1)$.

Ex. 3: Write an equation in slope-intercept form of the line through the point $(5, -3)$ and perpendicular to $y = 4x + 1$. Graph both lines.

