FORMULAS (7.1 and 7.2)

Slope: \[ m = \frac{\text{Rise}}{\text{Run}} = \frac{y_2 - y_1}{x_2 - x_1} \]

Linear Equation in Standard Form: \( Ax + By = C \)

Slope-Intercept Form: \( y = mx + b \)
  - Slope = \( m \)
  - y-intercept = (0, b)

Point-Slope Form: \( y - y_1 = m(x - x_1) \)
  - Point = \( (x_1, y_1) \)
  - Slope = \( m \)