Linear Equations Review

Formula for Slope

Find the slope of a line through points (3, 4) and (-1, 6).

Standard Form

Identify A, B, C in $3x - 5y = 15$.

Slope-intercept Form

Find the slope and intercept of $y = \dfrac{3}{4}x - 2$.

Point-Slope Form

Write an equation for the line that passes through (-2, 5) and (1, 7).

Finding x-intercept

Find the x-intercept of $3x - 5y = 15$.

Finding y-intercept

Find the y-intercept of $3x - 5y = 15$.

Linear Equations Review

Changing from Standard to Slope-Intercept

Change $3x - 5y = 15$ into Slope-Intercept form.

Changing from Slope-Intercept to Standard

Change $y = \dfrac{3}{4}x - 2$ into Standard form.

Changing from Point-Slope to Standard

Change $y - 3 = \dfrac{1}{4}(x - 8)$ into Standard form.

Changing from Point-Slope to Slope-Intercept

Change $y - 3 = \dfrac{1}{4}(x - 8)$ into Slope-Intercept form.