

EQ: How can we convert an equation from standard form to slope-intercept form?

Questions

Notes

Explain the steps to get slope-intercept form.

- 1) Isolate the "y" term. (Move the "x" term to the other side)
- 2) Divide by the number with y. (Make sure you divide every term)
- 3) Simplify any fractions.

Ex. 1) $3x + 5y = 15$ ← Standard Form

$$\cancel{5y} = \frac{-3x + 15}{5}$$

$$y = -\frac{3}{5}x + 3$$

Ex. 2) $3y - 2x = -12$

$$\cancel{3y} = \frac{2x - 12}{3}$$

$$y = \frac{2}{3}x - 4$$