

Performance Task – Standard Form $Ax + By + C = 0$ Thinking Questions

You can change an equation from slope y-intercept form to standard form by rearranging terms in the equation. Rearrange each of the following equations into standard form, $Ax + By + C = 0$, and identify the coefficients A, B, and C.

Hint: In standard form, the coefficient of the x-term is always positive and there are no fractions.

a) $y = -2x + 7$

b) $y = x - 3$

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