

Two-Intercept Form

Sheet 1

Write each equation in two-intercept form.

1) $y = -2x + 2$

2) $2(x - 3) = -3y$

3) $-5y - 20 = -4x$

4) $12(x - 2) = 2y$

5) $\frac{x+2}{4} = \frac{-y-6}{12}$

6) $2x + 15 = -3(3y + 1)$

7) $5(6 - x) = 5(1 + y)$

8) $\frac{-4 - 2x}{4} = \frac{9 - 2y}{3}$

9) $x = -\frac{3(y + 14)}{14}$

10) $x + 2 = y + 3$

Two-Intercept Form

Sheet 1

Write each equation in two-intercept form.

1) $y = -2x + 2$

$$\frac{x}{1} + \frac{y}{2} = 1$$

2) $2(x - 3) = -3y$

$$\frac{x}{3} + \frac{y}{2} = 1$$

3) $-5y - 20 = -4x$

$$\frac{x}{5} + \frac{y}{-4} = 1$$

4) $12(x - 2) = 2y$

$$\frac{x}{2} + \frac{y}{-12} = 1$$

5) $\frac{x+2}{4} = \frac{-y-6}{12}$

$$\frac{x}{-4} + \frac{y}{-12} = 1$$

6) $2x + 15 = -3(3y + 1)$

$$\frac{x}{-9} + \frac{y}{-2} = 1$$

7) $5(6 - x) = 5(1 + y)$

$$\frac{x}{5} + \frac{y}{5} = 1$$

8) $\frac{-4 - 2x}{4} = \frac{9 - 2y}{3}$

$$\frac{x}{-8} + \frac{y}{6} = 1$$

9) $x = -\frac{3(y + 14)}{14}$

$$\frac{x}{-3} + \frac{y}{-14} = 1$$

10) $x + 2 = y + 3$

$$\frac{x}{1} + \frac{y}{-1} = 1$$