

Two-Intercept Form

Sheet 5

Write each equation in two-intercept form.

1) $2(y + 1) = \frac{-3x - 20}{5}$

2) $9y - 36 = 4x$

3) $y = \frac{7}{9}(9 - x)$

$-\frac{6}{5}y$

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5) $2y = 9(2 + x)$

$-\frac{7}{8}x$

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7) $-3x = -8(-y + 1)$

$= 6(y + 1)$

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9) $-4(y + 5) = 5x$

10) $3x + 6 = 9 - y$

Two-Intercept Form

Write each equation in two-intercept form.

1) $2(y + 1) = \frac{-3x - 20}{5}$

2) $9y - 36 = 4x$

$$\frac{x}{-10} + \frac{y}{-3} = 1$$

$$\frac{x}{-9} + \frac{y}{4} = 1$$

3) $y = \frac{7}{9}(9 - x)$

$$-\frac{6}{5}y$$

$$\frac{x}{9} + \frac{y}{7} = 1$$

$$= 1$$

5) $2y = 9(2 + x)$

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$$-\frac{7}{8}x$$

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

$$= 1$$

7) $-3x = -8(-y + 1)$

$$= 6(y + 1)$$

$$\frac{x}{8} + \frac{y}{3} = 1$$

$$\frac{x}{6} + \frac{y}{-2} = 1$$

9) $-4(y + 5) = 5x$

10) $3x + 6 = 9 - y$

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

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