

Two-Intercept Form

Sheet 3

Write each equation in two-intercept form.

1) $3 - y = \frac{3}{8}x$

2) $36 = 6(x - y)$

3) $-\frac{1}{3}x = 1 +$  $= 6y$

5) $5 - x = \frac{5}{9}y$ $= 12(y + 2)$

7) $x + \frac{5}{7}y = -$ $\frac{-6 - y}{9}$

9) $6x = 8(y + 6)$

10) $13 - 2x = 13(y - 1)$

Two-Intercept Form

Write each equation in two-intercept form.

1) $3 - y = \frac{3}{8}x$

2) $36 = 6(x - y)$

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

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

3) $-\frac{1}{3}x = 1 +$

$= 6y$

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

$= 1$

5) $5 - x = \frac{5}{9}y$

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$= 12(y + 2)$

$$\frac{x}{5} + \frac{y}{9} = 1$$

$= 1$

7) $x + \frac{5}{7}y = -$

$\frac{-6 - y}{9}$

$$\frac{x}{-5} + \frac{y}{-7} = 1$$

$$\frac{x}{-3} + \frac{y}{-9} = 1$$

9) $6x = 8(y + 6)$

10) $13 - 2x = 13(y - 1)$

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

$$\frac{x}{13} + \frac{y}{2} = 1$$

PREVIEW

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