

Identify Slope and Intercept

L2S5

Write the slope and y-intercept of each equation.

1) $x = \frac{8 + 5y}{7}$

2) $7x - 32 = 8y$

3) $2y = -10x + 6$

5) $45 = 81x + 9y$

7) $14y = -28x + 98$

9) $3y = -\frac{10}{3}(x + 6) - 7$

10) $-10x = y + 3$

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Write the slope and y-intercept of each equation.

1) $x = \frac{8 + 5y}{7}$

2) $7x - 32 = 8y$

Slope = $\frac{7}{5}$; y-intercept = $-\frac{8}{5}$

Slope = $\frac{7}{8}$; y-intercept = -4

3) $2y = -10x + 6$

Slope = -5 ; y-intercept = 1

5) $45 = 81x + 9y$

Slope = -9 ; y-intercept = $\frac{8}{13}$

7) $14y = -28x + 98$

Slope = -2 ; y-intercept = 7

9) $3y = -\frac{10}{3}(x + 6) - 7$

Slope = $-\frac{10}{9}$; y-intercept = -9

10) $-10x = y + 3$

Slope = -10 ; y-intercept = -3

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