

Identify Slope and Intercept

L2S3

Write the slope and y-intercept of each equation.

1) $x = \frac{1}{2}(2y + 14) + 8$

2) $y = -\frac{9}{4}x - 13$

3) $\frac{y}{24} + \frac{x}{8} = 1$

5) $28x + 16 = 4y$

7) $12x - 8 = 2y$

9) $5y = -45x - 15$

10) $30x = 10(y - 26)$

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L2S3

Write the slope and y-intercept of each equation.

1) $x = \frac{1}{2}(2y + 14) + 8$

2) $y = -\frac{9}{4}x - 13$

Slope = 1 ; y-intercept = -15**Slope = $-\frac{9}{4}$; y-intercept = -13**

3) $\frac{y}{24} + \frac{x}{8} = 1$

Slope = -3 ; y-intercept = 33

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y-intercept = 33

5) $28x + 16 = 4y$

Slope = 7 ; y-intercept = 8

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y-intercept = 8

7) $12x - 8 = 2y$

Slope = 6 ; y-intercept = -4**Slope = $-\frac{6}{5}$; y-intercept = $\frac{3}{5}$**

9) $5y = -45x - 15$

10) $30x = 10(y - 26)$

Slope = -9 ; y-intercept = -3**Slope = 3 ; y-intercept = 26**