

Name: _____

Date: _____

Score: _____

Finding Slope and y-intercept

Find the slope and y-intercept of each equation

① $y = 4x + 8$

Slope: _____

y-intercept: _____

② $y = \frac{1}{2}x - 1$

Slope: _____

y-intercept: _____

③ $-7x = 14 - 9y$

Slope: _____

y-intercept: _____

④ $y = \frac{3}{2}x + 3$

Slope: _____

y-intercept: _____

⑤ $y + 4(x - 3) = 11$

Slope: _____

y-intercept: _____

⑥ $6x + 5y + 8 = 0$

Slope: _____

y-intercept: _____

⑦ $y = 6x + 16$

Slope: _____

y-intercept: _____

⑧ $y = 6x + \frac{7}{2}$

Slope: _____

y-intercept: _____

⑨ $y = x - 14$

Slope: _____

y-intercept: _____

⑩ $\frac{1}{2} = x + \frac{3y}{5}$

Slope: _____

y-intercept: _____

Name: _____

Date: _____ Score: _____

Finding Slope and y-intercept

Answers

① $y = 4x + 8$

Slope: 4

y-intercept: 8

② $y = \frac{1}{2}x - 1$

Slope: $\frac{1}{2}$

y-intercept: -1

③ $-7x = 14 - 9y$

Slope: $\frac{7}{9}$

y-intercept: $\frac{14}{9}$

④ $y = \frac{3}{2}x + 3$

Slope: $\frac{3}{2}$

y-intercept: 3

⑤ $y + 4(x - 3) = 11$

Slope: -4

y-intercept: 23

⑥ $6x + 5y + 8 = 0$

Slope: $-\frac{6}{5}$

y-intercept: $-\frac{8}{5}$

⑦ $y = 6x + 16$

Slope: 6

y-intercept: 16

⑧ $y = 6x + \frac{7}{2}$

Slope: 6

y-intercept: $\frac{7}{2}$

⑨ $y = x - 14$

Slope: 1

y-intercept: -14

⑩ $\frac{1}{2} = x + \frac{3y}{5}$

Slope: $-\frac{5}{3}$

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