

Name: .....

Date: ..... Score: .....

## Slope-Intercept Form

Find the slope and y-intercept of each equation

①  $y = 4x - 5$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

②  $y = \frac{1}{2}x + 3$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

③  $y = 3x - 3$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

④  $y = -\frac{1}{2}x - 5$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑤  $y = -6x - 8$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑥  $y = -3x + 1$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑦  $y = \frac{2}{3}x - x$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑧  $y = -\frac{4}{5}x - 1$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑨  $y = 5x + 23$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑩  $y = 9x + 3$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑪  $y = -\frac{4}{5}x - 1$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

⑫  $y = 3x$

Slope: \_\_\_\_\_

y-intercept: \_\_\_\_\_

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## Slope-Intercept Form

### Answers

①  $y = 4x - 5$

Slope: 4

y-intercept: -5

②  $y = \frac{1}{2}x + 3$

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

y-intercept: -5

③  $y = 3x - 3$

Slope: 3

y-intercept: 3

④  $y = -\frac{1}{2}x - 5$

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

y-intercept: -5

⑤  $y = -6x - 8$

Slope: -6

y-intercept: -8

⑥  $y = -3x + 1$

Slope: 3

y-intercept: 1

⑦  $y = \frac{2}{3}x - 1$

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

y-intercept: -1

⑧  $y = -\frac{4}{5}x - 1$

Slope:  $-\frac{4}{5}$

y-intercept: -1

⑨  $y = 5x + 23$

Slope: 5

y-intercept: 23

⑩  $y = 9x + 3$

Slope: 9

y-intercept: 3

⑪  $y = -\frac{4}{5}x - 1$

Slope:  $-\frac{4}{5}$

y-intercept: -1

⑫  $y = 3x$

Slope: 3

y-intercept: 0