Name:

Score:

Teacher:

Date:

Find the Slope and Y-intercept for Each Equation

1)
$$y = -x + 2$$

y-intercept = _____

2)
$$y = -\frac{2}{3}x - 2$$
 slope = _____

$$3)$$
 5x + 3y = 24

$$\frac{4}{1}$$
 $\frac{-2x + 5y = 10}{1}$

5)
$$y = -\frac{7}{5}x - 3$$

$$6)$$
 $y = \frac{3}{2}x + 3$

$$y = \frac{1}{2}x + 3$$

$$7)$$
 $x + 4y = 32$

$$8)$$
 $-5x + 3y = -9$

$$9)$$
 4x + 7y = -14

10)
$$y = -\frac{4}{9}x - 3$$





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Find the Slope and Y-intercept for Each Equation

1)
$$y = -x + 2$$

slope =
$$\frac{-1}{3}$$
 2) $y = -\frac{2}{3}x - 2$ slope = $\frac{-\frac{2}{3}}{3}$

y-intercept = 2

2)
$$y = -\frac{2}{3}x - 2$$

slope =
$$\frac{-\frac{2}{3}}{3}$$

y-intercept = $\frac{-2}{3}$

3)
$$5x + 3y = 24$$

slope =
$$\frac{-\frac{5}{3}}{}$$
 4) $-2x + 5y = 10$ slope = $\frac{\frac{2}{5}}{}$

y-intercept = 8

4)
$$-2x + 5y = 10$$

slope =
$$\frac{\frac{2}{5}}{}$$

y-intercept = $\frac{2}{}$

5)
$$y = -\frac{7}{5}x - 3$$

slope =
$$\frac{-\frac{7}{5}}{}$$

y-intercept = __-3___

6)
$$y = \frac{3}{2}x + 3$$

7)
$$x + 4y = 32$$

slope =
$$-\frac{1}{4}$$

y-intercept = 8

$$8) -5x + 3y = -9$$

8)
$$-5x + 3y = -9$$
 slope = $\frac{\frac{5}{3}}{}$ y-intercept = $\frac{-3}{}$

9)
$$4x + 7y = -14$$

slope =
$$\frac{-\frac{4}{9}}{}$$

