

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Find the Slope and Y-intercept for Each Equation

1)  $x + 4y = 32$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

2)  $-x + 2y = -20$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

3)  $x + y = 8$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

4)  $-3x + 2y = 6$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

5)  $2x + 9y = 18$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

6)  $3x + 2y = 12$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

7)  $5x + 6y = -12$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

8)  $5x + 2y = -8$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

9)  $3x + y = -12$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_

10)  $4x + 9y = -9$

slope = \_\_\_\_\_

y-intercept = \_\_\_\_\_



Name : \_\_\_\_\_

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Date : \_\_\_\_\_

### Find the Slope and Y-intercept for Each Equation

1)  $x + 4y = 32$  slope =  $-\frac{1}{4}$   
y-intercept =  $8$

2)  $-x + 2y = -20$  slope =  $\frac{1}{2}$   
y-intercept =  $-10$

3)  $x + y = 8$  slope =  $-1$   
y-intercept =  $8$

4)  $-3x + 2y = 6$  slope =  $\frac{3}{2}$   
y-intercept =  $3$

5)  $2x + 9y = 18$  slope =  $-\frac{2}{9}$   
y-intercept =  $2$

6)  $3x + 2y = 12$  slope =  $-\frac{3}{2}$   
y-intercept =  $6$

7)  $5x + 6y = -12$  slope =  $-\frac{5}{6}$   
y-intercept =  $-2$

8)  $5x + 2y = -8$  slope =  $-\frac{5}{2}$   
y-intercept =  $-4$

9)  $3x + y = -12$  slope =  $-3$   
y-intercept =  $-12$

10)  $4x + 9y = -9$  slope =  $-\frac{4}{9}$   
y-intercept =  $-1$

