

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

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

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

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

## Solving Systems of Equations by Substitution

1)  $-3x - 8y = 20$

$$-5x + y = 19$$

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

$$y = 3$$

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

$$y = -3$$

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

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

3)  $-x - 3y = 4$

$$2x = 16$$

8)  $y = 5x - 7$

$$y = 6x$$

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

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

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

$$x = -4$$

5)  $y = \frac{1}{2}x + 5$

$$y = -\frac{3}{2}x - 7$$

10)  $y = 6x - 14$

$$y = -8x$$



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

## Solving Systems of Equations by Substitution

1)  $-3x - 8y = 20$

$$-5x + y = 19$$

$$(-4, -1)$$

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

$$y = 3$$

$$(6, 3)$$

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

$$y = -3$$

$$(-4, -3)$$

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

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

$$(5, 3)$$

3)  $-x - 3y = 4$

$$2x = 16$$

$$(8, -4)$$

8)  $y = 5x - 7$

$$y = 6x$$

$$(-7, -42)$$

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

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

$$(-2, 4)$$

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

$$x = -4$$

$$(-4, -3)$$

5)  $y = \frac{1}{2}x + 5$

$$y = -\frac{3}{2}x - 7$$

$$(-6, 2)$$

10)  $y = 6x - 14$

$$y = -8x$$

$$(1, -8)$$

