

Name : _____

Score : _____

Teacher : _____

Date : _____

Solving Systems of Equations by Substitution

1) $-3x + 2y = -5$

$$3x = 21$$

6) $y = 4x - 10$

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

2) $y = -3x - 3$

$$y = -3$$

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

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

3) $x + 4y = -3$

$$x + 7y = -12$$

8) $y = -\frac{2}{5}x - 2$

$$y = -4$$

4) $6x + 9y = -24$

$$3y = 6$$

9) $y = \frac{1}{3}x + 3$

$$y = 2x - 2$$

5) $y = -\frac{1}{4}x + 6$

$$y = 4$$

10) $2x - y = 17$

$$x - y = 10$$



Name : _____ Score : _____

Teacher : _____ Date : _____

Solving Systems of Equations by Substitution

1) $-3x + 2y = -5$

$$3x = 21$$

$$(7,8)$$

6) $y = 4x - 10$

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

$$(3,2)$$

2) $y = -3x - 3$

$$y = -3$$

$$(0,-3)$$

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

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

$$(0,-3)$$

3) $x + 4y = -3$

$$x + 7y = -12$$

$$(9,-3)$$

8) $y = -\frac{2}{5}x - 2$

$$y = -4$$

$$(5,-4)$$

4) $6x + 9y = -24$

$$3y = 6$$

$$(-7,2)$$

9) $y = \frac{1}{3}x + 3$

$$y = 2x - 2$$

$$(3,4)$$

5) $y = -\frac{1}{4}x + 6$

$$y = 4$$

$$(8,4)$$

10) $2x - y = 17$

$$x - y = 10$$

$$(7,-3)$$

