

Name : _____

Score : _____

Teacher : _____

Date : _____

Solving Systems of Equations by Substitution

1) $y = -\frac{2}{5}x - 4$
 $y = \frac{9}{5}x + 7$

6) $9x - 2y = 19$
 $7x = 21$

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

7) $y = -3x - 15$
 $y = \frac{1}{4}x - 2$

3) $y = \frac{4}{5}x - 3$
 $y = -7$

8) $y = -\frac{4}{9}x - 3$
 $y = -\frac{7}{5}x - 3$

4) $3x + 7y = 14$
 $2x + 7y = 21$

9) $y = -2x - 12$
 $y = -8$

5) $y = \frac{1}{2}x + 3$
 $y = 5$

10) $-2x + y = 10$
 $4x - y = -14$



Name : _____

Score : _____

Teacher : _____

Date : _____

Solving Systems of Equations by Substitution

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

$$y = \frac{9}{5}x + 7$$

$$(-5, -2)$$

6) $9x - 2y = 19$

$$7x = 21$$

$$(3, 4)$$

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

$$y = -3$$

$$(-4, -3)$$

7) $y = -3x - 15$

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

$$(-4, -3)$$

3) $y = \frac{4}{5}x - 3$

$$y = -7$$

$$(-5, -7)$$

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

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

$$(0, -3)$$

4) $3x + 7y = 14$

$$2x + 7y = 21$$

$$(-7, 5)$$

9) $y = -2x - 12$

$$y = -8$$

$$(-2, -8)$$

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

$$y = 5$$

$$(4, 5)$$

10) $-2x + y = 10$

$$4x - y = -14$$

$$(-2, 6)$$

