

Name : _____

Score : _____

Teacher : _____

Date : _____

Solving Systems of Equations by Substitution

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

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

(-6,2)

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

$$y = -\frac{1}{3}x + 7$$

(6,5)

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

$$y = 2$$

(3,2)

7) $3x + y = -21$

$$x + y = -5$$

(-8,3)

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

$$x - 5y = 1$$

(-4,-1)

8) $2x + 3y = -1$

$$3x + 4y = -4$$

(-8,5)

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

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

(-5,-2)

9) $-3x + 2y = -5$

$$3x = 21$$

(7,8)

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

$$y = 4$$

(8,4)

10) $y = \frac{1}{3}x - 4$

$$y = -6$$

(-6,-6)

