Name : _____ Score : _____

Teacher : _____ Date : _____

Solving Systems of Equations by Substitution

1) -3x - 8y = 20

-5x + y = 19

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

y = 5

3) 6x - y = 11

5x - 4y = -3

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

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

5) -3x + 2y = -3

4x - y = -1

6) -3x - 5y = 6

y = -3

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

y = 2

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

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

9) -5x - 5y = 0

y = 8x

10) $y = \frac{8}{5}x - 1$

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

Name : _____ Score : _____

Teacher : _____ Date : _____

Solving Systems of Equations by Substitution

1) -3x - 8y = 20

-5x + y = 19

(-4,-1)

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

y = 5

(4,5)

3) 6x - y = 11

5x - 4y = -3

(1,2)

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

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

(-5,-2)

5) -3x + 2y = -3

4x - y = -1

(-1,-3)

6) -3x - 5y = 6

y = -3

(3,-3)

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

y = 2

(3,2)

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

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

(3,-4)

9) -5x - 5y = 0

y = 8x

(0,0)

10) $y = \frac{8}{5}x - 1$

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

(0,-1)