

Name: _____

Date: _____

Solving Systems of Equations by Substitution**Solve each system of equation by substitution.**

1) $-2x + 2y = 4$
 $-2x + y = 3$

2) $2y = -6x + 10$
 $10x - 8y = -6$

3) $y = -8$
 $16x - 12y = 72$

4) $-10x + 2y = -6$
 $6x - 16y = 48$

5) $-4x + 12y = 12$
 $-14x + 16y = -10$

6) $3x - 9y = -3$
 $3y = 3x - 3$



1) $-2x + 2y = 4$
 $-2x + y = 3$

(4, 9)

2) $2y = -6x + 10$
 $10x - 8y = -6$

(-24, -8)

3) $y = -8$
 $16x - 12y = 72$

(0, -3)

4) $-10x + 2y = -6$
 $6x - 16y = 48$

(-1, 1)

5) $-4x + 12y = 12$
 $-14x + 16y = -10$

(4, 3)

6) $3x - 9y = -3$
 $3y = 3x - 3$

(1, 2)