

## 7.4 Review: Solving Linear Systems by Substitution

**Solve each system by substitution. Remember to verify your solution.**

1)  $-3x + 3y = -15$   
 $y = 7x + 13$

2)  $3x + y = -16$   
 $-4x - 2y = 20$

3)  $5x - 3y = 4$   
 $x + 4y = 10$

4)  $x + 2y = -6$   
 $5x + 2y = -14$

## Answers to 7.4 Review: Solving Linear Systems by Substitution

1)  $(-3, -8)$

2)  $(-6, 2)$

3)  $(2, 2)$

4)  $(-2, -2)$