

## 5.3A Solving Systems by Substitution

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Name \_\_\_\_\_

Due Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each system by substitution.**

1)  $-4x + 3y = -7$   
 $y = -1$

2)  $5x + 3y = 6$   
 $y = 7$

3)  $5x - y = 10$   
 $y = x - 2$

4)  $-x - 7y = 20$   
 $y = 2x - 5$

5)  $3x + 8y = -7$   
 $y = 2x + 11$

6)  $y = x - 1$   
 $-2x - 6y = 22$

7)  $y = -7x + 18$   
 $6x + 7y = -3$

8)  $-7x - 5y = -8$   
 $y = x + 4$

9)  $y = -3x + 16$   
 $y = x$

10)  $y = -5x - 19$   
 $y = 3x + 21$