Sec. 6-2, 6-3, 6-4 (Substitution or elimination)

Solve by any method. Name _____

1. $y = 4x$
   $x + y = 5$

2. $x = -4y$
   $3x + 2y = 20$

3. $y = x - 1$
   $x + y = 3$

4. $3x - y = 4$
   $2x - 3y = -9$

5. $x + 5y = 4$
   $3x + 15y = -1$

6. $x - 5y = 10$
   $2x - 10y = 20$

7. $x + 4y = 8$
   $2x - 5y = 29$

8. $4x + y = 0$
   $x + 2y = -7$

9. $2x - 3y = -24$
   $x + 6y = 18$

10. $x + 14y = 84$
    $2x - 7y = -7$

11. $0.3x - 0.2y = 0.5$
    $x + 2y = 15$

12. $x - 3y = -4$
    $2x + 6y = 5$

13. $3x - 2y = 11$
    $x - \frac{y}{2} = 4$

14. $\frac{1}{2}x + 2y = 12$
    $x - 2y = 6$

15. $\frac{x}{3} - y = 3$
    $2x + y = 25$

1. $2x + 5y = 3$
   $-x + 3y = -7$

2. $2x + y = 3$
   $-4x - 4y = -8$

3. $5x - 2y = -10$
   $3x + 6y = 66$

4. $7x + 4y = -4$
   $5x + 8y = 28$

5. $4x - 2y = -14$
   $3x - y = -8$

6. $5x + 3y = -10$
   $3x + 5y = -6$

7. $2x + y = 0$
   $5x + 3y = 2$

8. $9x - 6y = -12$
   $x + 2y = 0$

9. $0.5x + 0.5y = -2$
   $x - 0.25y = 6$