Honors Math 2 Name_____

Unit 6 day 2 Period_____Date_____

Solve each system by substitution or elimination.

1. $8x + 4y = 4$

   $x + 9y = -8$

2. $-6x + y = 22$

   $5x - 4y = -12$

3. $3x - 8y = -17$

   $x + y = 9$

4. $-10x - 7y = 6$

   $6x - 5y = -22$

5. $y = x^2 - 24$

   $y = x - 12$

6. $y = x^2 + 6x + 10$

   $y + 2x = -6$

7. $y = x^2 + 6x + 5$

   $y = -2x^2 - 12x - 10$

8. $x^2 + y^2 = 20$

   $y = x^2$

9. $y = x^2 + 2x + 7$

$y = 6x + 3$

10. $y - 10x = 5$

$y = x^2 + 7x + 5$

11. $y = x^2 + 2x - 8$

$4x - y = 5$

12. $x^2 + y^2 = 16$

$y = -x^2 + 4$

13. $y = x^2 + 6x + 7$

$y = -2x^2 - 12x - 17$

14. $(x - 3)^2 + y^2 = 10$

$x - 3y = 3$