

Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic: Linear-Quadratic Systems - Worksheet 1

Solve algebraically.

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

2.  $y = x^2 - 4x + 6$   
 $y = x + 2$

3.  $y = x^2 - 10x + 14$   
 $y = 7x - 16$

4.  $y = x^2 - 24$   
 $y = x - 12$

5.  $y = x^2 - 8x + 28$   
 $y = 4x + 8$

6.  $y = x^2 + 6x - 17$   
 $y = 3x - 7$

7.  $y = x^2 - 3x - 18$   
 $y = x + 3$

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

9.  $y = x^2 - 2x - 4$   
 $y = x + 6$

10.  $y = x^2 - 3x - 6$   
 $y = x + 6$

