Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 10-5

# Writing and Using Quadratic Equations

1. What is standard form for quadratic equations?

**Write the quadratic equation using the given coefficients.**

2. a = 1, b = 4, c = 2 3. a = 3, b = 2, c = 5

4. a = 2, b = 0, c = 9 5. a = 4, b = 2, c = 0

**Write the quadratic equation from the given solutions.**

6. x = -2, 4 7. x = 1, 3

8. x = -5 9. X = 0, 6

**State which method you would use to solve each quadratic equation.**

10.  11. 

12.  13. 