**Hold Up Your Answers Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Solving Quadratic Equations**

1) Graph the equation. Label the vertex and the axis of symmetry.

y = -x² + 2x + 1

2) Solve using square roots. **x² = 49**

3) Solve using square roots. **3x² = 12**

4) Solve using square roots. **2x² + 8 = 0**

5) Use the zero product property to solve the equation. **(x + 3)(x - 5) = 0**

6) Solve each equation by factoring. Use the x-method or parenthes( )( ).

 **x² - 7x - 18 = 0**

7) Solve the equation using the quadratic formula. **5x² - 9x - 5 = 0**

8. Solve the equation using the quadratic formula. 

**4) Solve using square roots.**