**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Quadratic Formula Worksheet**

**Solve for x.**

1. x2 - 3x – 1 = 0 2. x2 + 6x + 1 = 0

3. x2 + 6x + 5 = 0 4. 5x2 + 16x - 9 = 0

5. x2 + 10x = 5 6. -2x2 + 4x + 2 = 0

7. -6x2 + 3x + 19 = 0 8. x2 + 3x = 2 – 2x

9. ax2 +bx + c = 0 You do not have to show your work. Assume that *a*  0

**Solve by completing the square.**

10. 2x2 + 4x = 5 11. 5x2 + 4x = 10

**Review**

12. Find the equation of a line that contains the points (2,5) and (3,1).