

**#1-3, Solve by factoring.**

1.  $a^2 + a - 6 = 0$

2.  $a^2 + 19a = -34$

3.  $a^2 = 12a + 28$

**#4-6, Solve by completing the square**

4.  $L^2 - 6L = 14$

5.  $L^2 - 5 = 2L$

6.  $L^2 + 20L = 3$

**#7-9, Solve using the Quadratic Formula.**

7.  $g^2 - 2g = 4$

8.  $g^2 + 6g + 3 = 0$

9.  $3g^2 = 5 - g$

**#10-15, Use the method you think most appropriate to solve each equation.**

10.  $2x^2 - 5x - 1 = 0$

11.  $x^2 - 3x - 4 = 0$

12.  $x^2 = 121$

13.  $x^2 + 6x = 11$

14.  $2x^2 - 3x - 4 = 0$

15.  $3x^2 - 2 = 46$