HW: 8.6 Solve by Factoring Algebra 1 Kitt

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_

**Directions**: Solve each equation by factoring.

1) x2 – 3x + 2 = 0 2) z2 – 5z + 4 = 0 3) x2 – 8x + 16 = 0

4) r2 – 12r + 35 = 0 5) c2 + 6c + 5 = 0 6) m2 + 10m + 9 = 0

7) x2 – 49 = 0 8) z2 – 4 = 0 9) m2 – 64 = 0

10) 3x2 – 12 = 0 11) d2 – 2d = 0 12) s2 – s = 0

13) 2x2 – 5x + 2 = 0 14) 3x2 – 10x + 3 = 0 15) 3x2 – 8x + 4 = 0