HW: 3.4 Factor and Solve Polynomial Equations Algebra 1 Kitt

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

**Sum or Difference of Cubes**: *Factor the polynomial.*

1. 2. 3. 4.

**Factor by Grouping**: *Factor the polynomial by grouping.*

5. 6.

7. 8.

**Quadratic Pattern**: *Factor the polynomial.*

9. 10. 11. 12.

**Solving Equations**: *Find all the solutions to each of the polynomial equations.*

13. 14. 15.

16. 17. 18.