Reassessment Review

**IF1: I can factor and solve quadratics (Optional)**

Study factoring by gcf, grouping, long and short abc, difference of squares. Also study Quadratic Formula.

Factor the following:

9. 3.

Solve the following:

13. 14. (hint: QF)

**IF2: Complex Numbers (Optional)**

Know how to work with imaginary numbers (i).

1. 2.

3. 4.

**IF3: Operations with Polynomials (Optional)**

Study how to add/subtract/multiply polynomials.

1. 17) 2.

3.  4. (x – 7)(x2 – 6x + 3)

**IF4: Factoring ALL polynomials (Mandatory)**

Study ALL types of factoring.

1. 2.

3. 4.

**IF5: Solving ALL polynomials (Mandatory)**

This was your last test. Study setting each factor to zero, dividing polynomials, rational root theorem, and writing equations.

Find all roots.

1. 2.

Divide each polynomial to decide if the dividend is a factor

3. 4.

5. Use Rational Root Theorem to find all possible zeros of:

Write the equation given the roots:

6. 7.