

Skill List for Test 2 - Assessment 1:

- Basic algebra skills: simplify, evaluate, factor completely, rewrite an equation so that one variable is written in terms of another
- Solving:
 - Linear Equations
 - Quadratic Equations
 - Radical Equations
 - Rational Equations
 - Absolute Value Equations
 - Systems of Linear Equations
 - Systems of non-linear equations (with parabolas, circles, rational, radical functions)
- Solving inequalities and writing solution in interval, inequality and number line forms for:
 - Simple inequalities
 - Quadratic inequalities
 - Absolute value inequalities
- Solving systems of equations graphically
- Solving systems of equations algebraically
- Graphing systems of inequalities by drawing and shading region
- Write a system of inequalities for a shaded region
- Solving for missing parameter using discriminant given the number of roots/x-intercepts

Here is another [checklist](#) with resources