

The Core Program

Geometry and Algebra 2 Assessment Form

Enrollment for Geometry is limited to students who are at least 14 by October 1
Enrollment for Algebra 2 is limited to students who are at least 15 by October 1.

Fill out this form and bring it with you to the assessment along with paper, eraser, and several pencils. Calculators are optional.

Family Information

Student Name _____

Parent Name(s) _____

Student Birthdate _____ Current Grade _____

Parent E-mail Address _____

Math course student is attempting to test into _____

Current Math Curriculum _____ Level of Mastery _____

Geometry and Algebra 2 Assessment Information

The assessment for entrance into Geometry or Algebra 2 will test students' ability to:

- simplify expressions with multiple terms including numbers, variables, radicals and exponents
- evaluate expressions with one or more variables
- graph linear equations
- identify the slope and y-intercept of linear equations
- write the equation of a line, given points on the line
- solve linear, absolute value, and exponential equations with one variable
- solve linear systems in two variables using graphing, substitution or elimination
- combine polynomials with all 4 operations
- factor quadratic equations
- solve quadratic equations using factoring or the quadratic formula
- simplify rational expressions using factoring and cross-cancelling
- solve rational equations with one variable
- solve basic percent problems, including % increase and decrease
- translate a word problem with two unknowns into an equation and graph it onto the coordinate plane