Mathematics Placement Information For Incoming Freshmen

Freshmen entering Sacred Heart Academy for the 2022-23 school year who have taken Algebra 1 and who wish to be considered for placement in Geometry or Honors Algebra 1 must take a math placement test on April 9, 2022. Any student who is currently taking any level of Geometry or Algebra II must contact Ms. Sarah Lauer, Assistant Director of Admissions regarding arrangements for taking a course-specific placement.

Student Name: ____________________________
Present School: ____________________________
Math Teacher: ____________________________

Check Present Math Course:
____ Algebra 1 ______ Basic 8th Grade Math ______ Pre-Algebra
____ Geometry ______ Other (Specify): __________________

Text Currently used: ____________________________
Title: ____________________________
Author: ____________________________
Publisher: ____________________________
Date of pub: ____________________________

To be successful in Geometry at Sacred Heart Academy students should be proficient in the areas of Algebra listed below. Please check (✓) the topics that will be completed by April 9, 2022. Indicate by an asterisk (*) topic to be completed by the end of the school year.

____ Arithmetic Operations: Fractions, Decimals and Integers
____ Linear Function or Equations of Line (writing the slope-intercept form, the point-slope form, and standard form)
____ Graphing Linear Function using intercepts points, slope of line, or coordinates of two points
____ Exponents and their properties (the zero-exponent and the negative-exponent rules, the product and quotient rules, simplifying exponential expressions)
____ Scientific Notation (converting from scientific to decimal and from decimal to scientific notation)
____ Radicals and Rational Exponents (rationalizing denominators)
____ Polynomials (adding, subtracting, and multiplying polynomials)
____ Factoring Polynomials
____ Linear Equations (solutions and applications for solving word problems)
____ Quadratic Equations
____ Pythagorean Theorem

Please provide an estimate of the student’s progress and ability in mathematics: ________________

Please check the math course at Sacred Heart Academy in which you recommend that she be placed:
____ Algebra I ______ Geometry ______ Algebra II____
Honors Algebra ______ Honors Geometry ______ Honors Algebra II

Signature of teacher completing form: ____________________________