Geometry - Level 2

The summer work for Geometry consists of 25 IXL modules. You should have received your id and password. If you have lost or forgotten them, or are a new student, you can contact Mr. Olsen (molsen@thomastonschools.org) to get your login information. Make sure that you have logged on when you are working. IXL will log you out at the end of each day. Your teacher can see what you have done including, your smartscore, how many problems you have tried, how many you have gotten right and wrong, how long you've worked and on what day you worked. Your first summative grade of the year will come from your scores. Don't leave it to the last minute. It is a lengthy assignment that should be spread out throughout the summer. If you are having difficulty, remember, you can scroll down when you get one wrong, IXL will show you how it should have been done. Smartscores below 70 are not acceptable. Your goal is to get a 90 or better on each section. Any score above a 90 will be recorded as a 100 in the gradebook. Go to IXL.com. Then go to MATH. Then go to **Algebra**. Here is the list of required modules

Operations
B.3 – Evaluate variable expressions involving integers
B.4 – Add and Subtract Rational Numbers
B.5 – Multiply and Divide Rational Numbers
Ratios and Proportions
C.5 – Solve Proportions
C.6 – Solve proportions: word problems
Geometry
F.1 – Perimeter
F.2 – Area
F.3 – Area and Perimeter: Word Problems
F.16 – Pythagorean Theorem
Coordinate plane
G.1 – Coordinate plane review
Variable expressions and equations
I.3 – Simplify variable expressions involving like terms and the distributive property
Solve Equations
J.5 – Solve Advanced Linear Equations
J.6 – Solve Equations with Variables on Both Sides
J.10 – Solve Linear Equations: Word Problems
Number sequences
P.2 – Arithmetic sequences
P.3 – Geometric sequences
Linear Functions
S.3 – Find the Slope from Two Points
S.6 – Slope-intercept form: find the slope and y-intercept
S.7 – Slope Intercept Form: Graph an Equation
S.12 – Linear Equations: Solve for y
Systems of Linear Equations
U.2 – Solve a System of Equations by Graphing
U.8 – Solve a System of Equations Using Substitution
U.10 – Solve a System of Equations Using Elimination
Statistics
KK.2 – Mean, median, mode, and range
KK.8 – Interpret a scatter plot