

## Geometry - Level 3

The summer work for Geometry consists of 20 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](mailto: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 Listed below are 22 modules. **You must complete any 20 of them.**

### 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

### 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

### 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