Math IXL Assignment Summer 2022
Directions for Rising 8th Grade Students – Geometry

1. Be sure to log-on to https://www.ixl.com/ using the username and password provided to you by ICS.
2. Complete the skills listed below at the **grade level you just completed** to review over the summer. Having completed algebra during the year, you will review **ninth grade algebra** skills.
3. In order to receive credit, summer work must occur on or after June 13, 2022 and be completed by August 28, 2022. This allows two months to complete the requirements for active practice. Time is best accrued over a number of practice periods throughout the summer in order to maintain skills.
4. Parents should sign the bottom of this form to indicate that your child has completed his/her summer work.
5. Please complete this checklist of required skills indicating the percentage achieved and the date each skill is completed. Students are asked to achieve a **minimum of 85% mastery** for each of the assigned skills.
6. IXL summer work is worth 40 points if each of the assigned 20 skills is completed to 85% mastery. Points will be deducted if all skills are not completed or 85% mastery is not achieved.
7. You are welcome to work on additional skills if you would like, however, these will not be graded.
8. **Please return this form to your Math teacher on the first day of school.**
9. If you have any questions regarding math summer work, please contact lmetzbower@theimmaculate.org

****Please be aware the skill numbers are sometimes adjusted by IXL.com over the summer. If the letter/number combination on the IXL website does not align to the list of assigned skills, please work on the skill that matches the **description**.****

Student Name: _____

IXL Skills	Percentage	Date Completed
E.7 Minimum and maximum area and volume		
F.8 Dilations and scale factors		
F.17 Pythagorean theorem: word problems		
G.3 Find the midpoint		
G.4 Distance between two points		
H.3 Simplify variable expressions using properties		
J.11 Solve linear equations mixed review		
K.10 Solve advanced linear inequalities		
Q.16 Interpret the graph of a function: word problems		
S.12 Linear equations: solve for y		
S.15 Compare linear functions: graphs and equations		
T.6 Solve systems of linear inequalities by graphing		
U.15 Solve a system of equations using any method: word problems		
V.8 Evaluate expressions using properties of exponents		
Z.5 Add polynomials to find perimeter		
Z.11 Multiply polynomials to find area		
BB.8 Solve a quadratic equation by factoring		
BB.9 Complete the square		
EE.8 Simplify radical expressions: mixed review		
JJ.1 Identify hypotheses and conclusions		

Parent Signature: _____