



Math IXL Assignment Summer 2021

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 14, 2021 and be completed by August 29, 2021. 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 80% 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 80% mastery. Points will be deducted if all skills are not completed or 80% 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
C.6 Solve proportions: word problems		
E.4 Multi-step problems with unit conversions		
F.17 Pythagorean theorem: word problems		
H.3 Simplify variable expressions using properties		
J.10 Solve linear equations: word problems		
K.10 Solve advanced linear inequalities		
Q.14 Interpret the graph of a function: word problems		
R.6 Identify direct and inverse variation		
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		
Y.5 Powers of monomials		
Z.5 Add polynomials to find perimeter		
Z.10 Multiply polynomials		
AA.8 Factor polynomials		
EE.8 Simplify radical expressions: mixed review		
GG.3 Simplify rational expressions		
GG.9 Evaluate rational expressions		

Parent Signature: _____