



Math IXL Assignment Summer 2022

Directions for Rising 8th Grade Advanced Students – Algebra

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 Course 3 during the year, you will review **eight grade** 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
C. 8 Evaluate numerical expressions involving integers		
D. 14 Identify equivalent expression involving exponents		
H. 9 Evaluate numerical expressions involving rational numbers		
J. 10 Solve Proportional: word problems		
L. 7 Percent of numbers: word problems		
M. 8 Multi-step problems with percents		
O.1 Multi-step word problems		
T. 5 Pythagorean theorem: word problems		
X. 14 Write equivalent expressions using properties		
Z. 9 Graph solutions to multi-step inequalities		
AA. 2 Find slope from two points		
AA. 12 Convert a linear equation in standard form to slope-intercept form		
BB.14 Compare linear functions: graphs and equations		
CC. 2 Solve a system of equation by graphing		
CC. 8 Solve system of equations using substitution		
CC. 10 Solve system of equations using elimination		
CC.13 Solve a system of equations using any method: word problems		
DD. 4 Add and subtract polynomials		
DD. 12 Multiply Polynomials		
FF. 1 Calculate mean, median, mode, and range		

Parent Signature: _____