



Immaculate Conception School

Math IXL Assignment Summer 2024

Directions for Rising 8th Grade – Geometry placement in 2024-2025

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 **Algebra I** skills.
3. 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 assigned skill. If an assigned skill was completed during the school year to 85%, students must continue to work on the skill for 10 minutes or to 100% mastery.
4. Students will also be required to work for a **minimum of 3 hours** on their Diagnostic Action Plan. **You can find the Diagnostic Arena & Study Plans on the Dashboard.** Students must work for a minimum of **1 hour** in the **Diagnostic arena** before they can complete the required **2 hours** working on **suggested skills** in their personalized **action plan**. The IXL Real-Time Diagnostic shows you what you know and what you're ready to learn next.
5. In order to receive credit, summer work must occur on or after June 10, 2024 and be completed by August 26, 2024. This allows over two months to complete the requirements. Time is best accrued over several practice periods in order to maintain skills.
6. Parents should sign the bottom of this form to indicate that your child has completed his/her summer work. IXL summer work is worth 40 points if each of the assigned 10 skills and 3 hours of Diagnostic work is completed according to the criteria in #5. Points will be deducted if all skills are not completed, or mastery and/or the 3 hours Diagnostic practice 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. ******

(continued on the next page)



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Student Name: _____

IXL Skills	Percentage	Date Completed
C.17 Solve linear equations mixed review		
I.2 Midpoint formula: Find the midpoint		
I.4 Distance between two points		
N.8 Compare linear functions: graphs and equations		
O.15 Solve a system of equations using any method: word problems		
(8th grade) S.4 Dilations and scale factors		
W.5 Add polynomials to find perimeter		
W.12 Multiply polynomials to find area		
Z.5 Solve a quadratic equation by completing the square		
EE.8 Simplify radical expressions: mixed review		

Diagnostic Practice (from Diagnostic Arena—Math ONLY) *must total to 1 hour of work	Amount of Practice Time	Date Completed

Suggested Skills Practice (from Study Plan) *must total to 2 hours of practice	Amount of Practice Time	Percentage	Date Completed

Parent Signature: _____