



Summer Math Requirement

Students entering grade 8

Studies have shown that students can lose up to two months of learning over the summer months. In order to keep your child's skills sharp, he or she will be required to complete a skill plan found within the IXL platform, the Summer Boost Skill Plan. This skill plan highlights foundational skills from the previous year and is designed to help students get on track in order to succeed at the next grade level. **The Summer Boost Skill Plan has been added to your child's IXL account. This can be found by selecting "Skill Plans" which is found under the Learning tab upon logging into your student's IXL account.** The Summer Boost program is organized to be completed over a 20 day period and a 4 week span. Of course this can be tailored to fit your family's schedule. Each day's lesson should be completed to a smart score of 90, even if the lesson has been completed in the past. Half credit will be given for lesson smart scores that range between 80-89. Lessons with smart scores that fall below a smart score of 80 will not receive credit. If a student struggles with a math concept, each IXL lesson contains video help that is available on the lesson page. Students are encouraged to watch these videos in order to best understand the skill. You can type in the 3 character code in gray to get each assignment, and use the pages below to check off the assignments as you complete them.

All lessons must be completed by Friday, August 7, 2026.

If at any time you would like to view your student's progress, simply navigate to the "analytics" tab and select your child's "student summary report". From here you can view the student's overall progress.

Please feel free to contact me with any questions at narias@ccacornerstone.org.

Thank you and enjoy your summer break!

Days 1-5

Day	IXL skills
Day 1	Convert between decimals and fractions or mixed numbers 8XE
Day 2	Identify proportional relationships from tables 6V7
Day 3	Multiply using the distributive property NUJ
Day 4	Area of compound figures with triangles MRG
Day 5	Add and subtract positive and negative fractions SD2

Days 6-10

Day	IXL skills
Day 6	Complete multiplication and division equations with integers K94
Day 7	Write and solve equations for proportional relationships VKK
Day 8	Add and subtract linear expressions 6BT
Day 9	Circles: word problems P56
Day 10	Solve two-step equations QEB

Days 11-15

Day	IXL skills
Day 11	Evaluate numerical expressions involving integers 7YN
Day 12	Complete a table for a two-variable relationship 2LU
Day 13	Factors of linear expressions J9G
Day 14	Find measures of complementary, supplementary, vertical, and adjacent angles CST
Day 15	Interpret charts and graphs to find mean, median, mode, and range CYK

Days 16-20

Day	IXL skills
Day 16	Identify equivalent linear expressions I DRB
Day 17	Write equations for proportional relationships from graphs JKH
Day 18	Solve two-step inequalities XGQ
Day 19	Triangle inequality 5RX
Day 20	Experimental probability 9AA