8th Grade Math Summer Activities
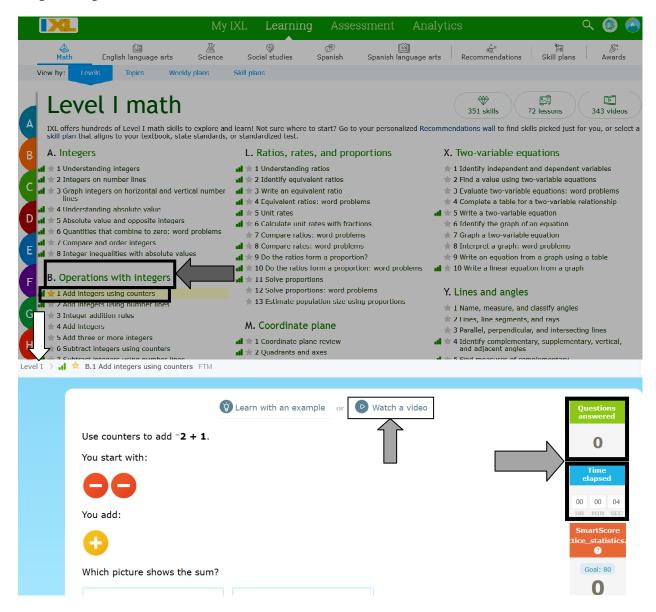
Students will complete a series of IXL activities over the summer in order to reinforce prerequisite skills for the upcoming year. For each skill, students will work toward a Smart Score of 80 on the activity. If the student works for a half hour on a skill and does not achieve a Smart Score of 80, they *may choose* to move on. Please note this on the chart. There is a "Smart Score" and "Time Elapsed" log for each skill in IXL. Log the Smart Score if students were able to achieve a score of 80 or more. Log the Time Elapsed if the student worked for over one half hour and was unable to achieve a Smart Score of 80. The chart will be collected upon student's return to school for the 2025-2026 school year. Students do not need to work through the chart in order. There will be a quiz on these topics during the first week of school. I highly encourage watching the IXL videos that accompany each of the skills.

To access skills, please look under the Level I (blue) math section. For example, the skill called "Add Integers Using Counters" is listed as B1.

Skill	Skill Name	Date Completed	Smart Score/Elapsed Time	Parent Initial
B.1	Add Integers Using Counters			
B.2	Add Integers Using Number Lines			
B.3	Integer Addition Rules			
B.4	Add Integers			
B.5	Add 3 or More Integers			
B.6	Subtract Integers Using Counters			
B.7	Subtract Integers Using Number Lines			
B.8	Integer Subtraction Rules			
B.9	Subtract Integers			
B.10	Integer Addition & Subtraction Rules			

Skill	Skill Name	Date Completed	Smart Score/Elapsed Time	Parent Initial
B.11	Add & Subtract Integers Using Counters			
B.12	Add & Subtract Integers			
B.13	Complete Addition & Subtraction Equations			
B.14	Add & Subtract Integers: Word Problems			
B.15	Understand Multiplying by a Negative #			
B.16	Integer Multiplication Rules			
B.17	Multiply Integers			
B.18	Integer Division Rules			
B.19	Equal Quotients			
B.20	Divide Integers			

Skill	Skill Name	Date Completed	Smart Score/Elapsed Time	Parent Initial
B.21	Integer Multiplication & Division Rules			
B.22	Multiply & Divide Integers			
B.23	Complete Multiplication & Division Equations			
B.24	Add, Subtract, Multiply & Divide Integers			
B.25	Evaluate Numerical Expressions			
C.1	Decimal Numbers Review			
C.2	Compare & Order Decimals			
C.3	Round Decimals			
I.3	Add & Subtract Rational Numbers			
T.7	Solve 2-Step Equations without Parentheses			