

7th 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 H (green) math section. For example, the skill called “Multiply Whole Numbers” is listed as B1.

The screenshot displays the IXL Learning platform interface. At the top, there's a green navigation bar with the IXL logo and tabs for Math, English language arts, Science, Social studies, Spanish, Spanish language arts, Recommendations, Skill plans, and Awards. Below this, a 'View by:' dropdown is set to 'Levels'. The main section is titled 'Level H math' and lists various math topics. A red box highlights 'B. Multiply whole numbers' under the 'B' category, with an arrow pointing to it. Below this, the 'B.1 Multiply whole numbers' skill is selected. The skill description shows a multiplication problem:
$$\begin{array}{r} 20 \\ \times 77 \\ \hline \end{array}$$
 with a 'Submit' button. To the right of the problem, there are two options: 'Learn with an example' and 'Watch a video', with an arrow pointing to the 'Watch a video' button. On the far right, a sidebar shows a progress log with three rows: 'Questions answered' (0), 'Time elapsed' (00:00:04), and 'SmartScore out of 100' (0). An arrow points from the 'Watch a video' button to the 'SmartScore' row in the sidebar.

Level H > B.1 Multiply whole numbers ZCL

Learn with an example or Watch a video

Multiply:

$$\begin{array}{r} 20 \\ \times 77 \\ \hline \end{array}$$

Submit

Questions answered: 0

Time elapsed: 00:00:04

SmartScore out of 100: 0

Skill	Skill Name	Date Completed	Smart Score/Elapsed Time	Parent Initial
B.1	Multiply Whole #'s			
B.2	Multiply Word Problems			
B.3	Multiply #'s Ending in Zeros			
C.1	Divisibility Rules			
C.2	Division Patterns with Zeros			
C.3	Divide #'s Ending in Zeros Word Problems			
C.4	Estimate Quotients			
C.5	Divide 2-Digit Divisors			
E.4	Multi-Step Word Problems			
E.5	Identify Reasonable Answers			

Skill	Skill Name	Date Completed	Smart Score/Elapsed Time	Parent Initial
E.6	Evaluate Numerical Expressions: One Step			
E.7	Evaluate Numerical Expressions: Whole #'s			
E.8	Identify Mistakes			
K.1	Add/Subtract Fractions			
K.2	Fraction Word Problems			
K.3	Unlike Denominators			
K.4	Unlike Denominators: Word Problems			
K.5	Inequalities			
K.6	Add/Subtract Mixed #'s			
K.7	Add/Subtract Mixed #'s Word Problems			

Skill	Skill Name	Date Completed	Smart Score/Elapsed Time	Parent Initial
0.1	Understand Integers			
0.2	Integers on Number Lines			
0.3	Graph Integers			
0.4	Opposite Integers			
0.5	Understand Absolute Value			
0.6	Absolute Value			
0.7	Compare Integers			
0.8	Order Integers			
0.9	Integer Inequalities			
0.10	Absolute Value & Integer Word Problems			