

Sixth, Seventh, and Eighth Grade Summer Math

- Go to https://www.ixl.com
- Enter your Username and Password on the top right of the website, and click "Sign in"



- To find the list of skills, click the "IXL" logo in the top left of the screen.
- Find your grade (the one you just completed), and click the blue link to the right of Math in your grade box.



- This link will take you to the index page of all the skills for your grade level.
- Now find the skills you are required to work on over the summer (listed on handout). They are in alpha-numeric order.
 - Below are instructions for Honors Students:
 - Honors 5th grade completes the Sixth to Seventh Grade Handout
 - Honors 6th grade completes the Seventh to Eighth Grade Handout
 - Honors 7th Grade Completes the Eighth Grade Handout



Click the skill text, and start completing the problems.
 Sixth grade math

 Here is a list of all of the math skills students learn in sixth gradel These skills are organized into categories, and you can move your mouse over any skill ame to preview the skill. To start practicing, just click on any link. IXL will track your score, and the questions will automatically increase in difficulty as you improved

 Whole numbers
 Operations with integers

 II. A links evalues in whole numbers
 II. N. Add integers using counters

 II. A do integers
 II. N. 3. Subtract integers

 II. A. Koman numerals
 II. N. S. Add and subtract integers: innut the sign

 II. S. Add and subtract whole numbers: word problems
 N. S. Add and subtract integers: input/output tables

 II. N. Add integers on a subtract integers: input/output tables are nonse integers: input/output tables
 II. S. Add and subtract integers: input/output tables

 II. N. S. Add and subtract integers: input/output tables
 N. S. Add and subtract integers: input/output tables
 II. S. Add and subtract integers: input/output tables



- You have adequately completed a skill when you:
 - A. Get a SmartScore of at least 70
 - o Or
 - o B. Spend 10 minutes on a skill and get a SmartScore of at least 50
 - \circ Or
 - C. Spend 15 Active Minutes on the skill (don't work too long on a skill if it is too hard).
 - IXL checks Active Time working and logs it for the teacher, so if you just click a
 problem, and leave it open for 15 minutes, it will not log any time. You need to
 actively click and try to solve the problems for the Active Time to pass.
- If a skill is proving too difficult, type in the skill name (not including the letter and number) into Google. There are many educational websites and YouTube videos that give instruction on how to solve these problems. Be sure to ask your parents permission before going to any other sites at home.
 - For Example, Sixth grade skill E.8 Least common multiple. Type in "Least common multiple" in Google, and the first video is from Khan Academy, and the second is from Mathisfun.com. Both are useful in learning this skill.
- Once you have completed all the skills, you are done! Your teacher will check these when you return and it will be worth a test grade in the first quarter.
- If you have any questions, feel free to email or call the school. The username and passwords are automatically assigned by IXL, and available on our school website.