

Summer Math Practice on IXL For Incoming 6th Graders

Research shows that in order for skills to be permanently mastered, they must be continuously practiced. “If you don’t use it, you lose it!” To help prevent the summertime “skill slump”, all incoming sixth-grade students are being asked to continue using their IXL Math accounts. This site allows students to have an incremental practice of math skills with feedback and instructional guidelines. It is expected that one or two skills are practiced weekly.

Our current incoming sixth-grade students have already been given and have been using their IXL accounts. However, if you are a new student who needs new username and password information, please contact Mrs. McKenna at smckenna@iccatholicsschool.org so she can set you up.

Each skill is labeled and listed below. Follow the directions to practice each skill throughout the summer. Remember to log in to your account first in order for your progress to be saved. These suggested skills include a review of fifth-grade material, as well as some introduction into skills seen in sixth grade.

Steps:

- 1) Log in to your IXL account.
- 2) On the right hand side of the page, click “Suggestions from your teacher”. All of the skills listed below have been assigned to you.
- 3) Continue working on the skill until you have reached between an 80-100 for a score.
- 4) Print out the chart and fill in the date and smart score once you have completed a skill. Bring it to the first day of school.

Suggested Skills

Skill Name	Smart Score	Date Completed
Place Values and Number Sense		
Convert between standard and expanded form		
Place Value		
Multiplication		
Multiply 2 digit by 2 digit numbers		
Division		
Divide 4 digit by 2 digit numbers		
Exponents		
Find the missing exponent or base		
Number Theory		
Greatest Common Factor		
Least Common Multiple		
Decimals		
Put a mix of decimals, fractions, and mixed numbers in order		
Divide Decimals		
Divide by decimals		
Mixed Operations		
Add, Subtract, Multiply, and divide whole numbers		
Evaluate numerical expressions with parentheses		
Evaluate numerical expressions with parentheses and brackets		

Add, subtract, multiply, and divide decimals		
Add, subtract, multiply, and divide fractions and mixed numbers		
Problem Solving		
Multi-step word problems		
Percents		
What percentage is illustrated?		
Convert between percents, fractions, and decimals		
Coordinate Plane		
Describe the coordinate plane		
Objects on a coordinate plane		
Graph points on a coordinate plane		
Graph points from a table		
Variable Expressions		
Write variable expressions		
Evaluate variable expressions		
Probability and Statistics		
Understanding probability		

Multiplication and Division Facts

Students should be completely fluent in ALL of their multiplication and division facts (1-12). Here is an online link you may use to keep up with your facts:

https://phet.colorado.edu/sims/html/arithmetic/latest/arithmetic_en.html