

5th Grade Math Summer Activities

Students will complete a series of iXL activities over the summer in order to reinforce prerequisite skills for the upcoming school year. For each skill, students will work toward a **Smart Score of 80** on each activity. It is highly recommended that students watch the iXL video that accompanies each skill.

If a 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 on the next page. There is a “Smart Score” and “Time Elapsed” log for each skill in iXL. Log the Smart Score if the student is able to achieve a Smart Score of 80 or more. Log the time elapsed if a student worked for over a half hour and was unable to achieve a Smart Score of 80.

To access skills, please look under the Level F math section, and then select the required skill. As an example, the skill titled “Place Value Names” would be listed as skill A.2.

The chart will be collected upon students’ return to school for the ‘25 - ‘26 school year. Students do not need to work through the chart in order. In addition, there will be a quiz on these topics during the first week of school.

The screenshot displays the iXL website interface. At the top, there are tabs for "View by: Levels, Topics, Weekly plans, Skill plans". The "Levels" tab is selected, showing a list of skills categorized by letter (A through Z). A large blue arrow points to the "A. Place value" category, and a smaller blue arrow points to the "F" category. The "A. Place value" category is expanded, showing a list of skills: 1 Place value models, 2 Place value names, 3 Value of a digit, 4 Relationship between place values, 5 Convert between standard and expanded form, 6 Writing numbers up to one million: convert between words and digits, 7 Spell word names for numbers up to one million, 8 Writing numbers up to one billion: convert between words and digits, 9 Place value word problems, 10 Convert between place values, and 11 Place value review. The "N. Multi-step word problems" and "Y. Decimals" categories are also visible. The "Z. Add and subtract decimals" category is partially visible. Below the skill list, there is a green navigation bar with tabs for "Math, English language arts, Science, Social studies, Spanish, Spanish language arts, Recommendations, Skill plans, Awards". The "Math" tab is selected. Below the navigation bar, the "Level F" section is displayed, showing the skill "A.2 Place value names" with a "Y7Q" tag. The skill description is "Where is the digit 1?" with the number "71" shown. There are two input fields: "ones place" and "tens place". A "Submit" button is at the bottom. On the right side, there is a sidebar with a "Questions answered" counter (0), a "Time elapsed" counter (00:00:59), a "SmartScore out of 100" counter (0), and a "Teacher tools" section with buttons for "Jump a level", "Teacher results not recorded", and "Start Group Jam".

Level F math

IXL offers hundreds of Level F math skills, lessons, and games to explore and learn! Not sure where to start? Go to your personalized [Recommendations wall](#) to find skills picked just for you, or select a [skill plan](#) that aligns to your textbook, state standards, or standardized test.

A. Place value

- 1 Place value models
- 2 Place value names
- 3 Value of a digit
- 4 Relationship between place values
- 5 Convert between standard and expanded form
- 6 Writing numbers up to one million: convert between words and digits
- 7 Spell word names for numbers up to one million
- 8 Writing numbers up to one billion: convert between words and digits
- 9 Place value word problems
- 10 Convert between place values
- 11 Place value review

B. Ordering and comparing

- 1 Compare numbers up to one million

N. Multi-step word problems

- 1 Multi-step addition and subtraction word problems
- 2 Multi-step word problems with strip diagrams
- 3 Use strip diagrams to represent and solve multi-step word problems
- 4 Multi-step word problems
- 5 Multi-step word problems involving remainders
- 6 Multi-step word problems: identify reasonable answers
- 7 Word problems with extra or missing information
- 8 Solve word problems using guess-and-check

Y. Decimals

- 1 Place value models for decimal numbers
- 2 Place values in decimal numbers
- 3 Relate decimals and money
- 4 Convert decimals between standard and expanded form using fractions
- 5 Understanding decimals expressed in words
- 6 Compare decimals using models
- 7 Compare decimals on number lines
- 8 Compare decimal numbers
- 9 Compare decimals and fractions
- 10 Put decimal numbers in order I
- 11 Put decimal numbers in order II

Z. Add and subtract decimals

- 1 One-tenth or one-hundredth more or less
- 2 Add decimals using blocks

My IXL Learning Assessment Analytics

Math English language arts Science Social studies Spanish Spanish language arts Recommendations Skill plans Awards

Level F > A.2 Place value names Y7Q

Learn with an example or Watch a video

Where is the digit 1?

71

ones place

tens place

Submit

Questions answered: 0

Time elapsed: 00:00:59

SmartScore out of 100: 0

Teacher tools

Jump a level: << >>

Teacher results not recorded

Start Group Jam

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
--------------	-------------------	-------------	--------------------------------------	------------------------

C. 1	Rounding: up to hundred thousands place			
C. 2	Rounding: up to millions place			
C. 3	Round a number to any place: up to hundred thousands			
C. 4	Rounding input/output tables			
C. 5	Rounding puzzles			
F. 3	Multiply Facts to 12			
F. 4	Multiply Facts to 12: Find the Missing Factor			
J. 3	Divide Facts to 12			
J. 4	Divide Facts to 12: Word Problems			
I. 10	Multiply a 2-digit number by a 2-digit number			
K. 14	Divide larger numbers by 1-digit numbers			
AA. 1	Count coins and bills - up to \$20 bill			

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
--------------	-------------------	-------------	--------------------------------------	------------------------

AA. 2	Count coins and bills word problems - up to \$20 bill			
AA. 3	Compare money amounts			
AA. 4	Add and subtract money amounts			
AA. 5	Find the change, price, or amount paid			
AA. 6	Price lists with addition and subtraction			
AA. 7	Add and subtract money amounts: word problems			
AA. 8	Add, subtract, multiply, and divide money amounts			
AA. 9	Multi-step word problems with money: addition and subtraction only			
DD. 1	Convert time units			
DD. 2	Convert mixed time units			
DD. 3	Add and subtract mixed time units			
DD. 4	Elapsed time			

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
--------------	-------------------	-------------	--------------------------------------	------------------------

DD. 5	Elapsed time: word problems			
DD. 6	Find start and end times: multi-step word problems			
DD. 7	Elapsed time: read a schedule			
DD. 8	Transportation schedules			
DD. 9	Time zones			
DD. 10	Fractions of time units			