

## 6th 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.

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

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.

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 Level G math interface. At the top, there are tabs for "View by: Levels", "Topics", "Weekly plans", and "Skill plans". The "Levels" tab is selected, showing a vertical list of levels A through H. Level G is highlighted with a blue arrow. To the right of the levels list, there are four circular icons representing different skill types: 384 skills, 90 lessons, 375 videos, and 56 games. Below the levels list, the "Level G math" section is displayed, showing a list of skills. Skill A.2, "Place value", is highlighted with a blue arrow. To the right of the skill list, there are three columns of skills: "P. Multiply fractions", "GG. Mixed operations: decimals", and "HH. Money and time". Below the skill list, there is a green navigation bar with the iXL logo and tabs for "My IXL", "Learning", "Assessment", and "Analytics". Below the navigation bar, there is a row of icons for different subjects: Math, English language arts, Science, Social studies, Spanish, Spanish language arts, Recommendations, Skill plans, and Awards. Below the subject icons, there is a row of icons for different skill types: Questions answered, Time elapsed, SmartScore, Teacher tools, and Start Group Jam. Below the skill type icons, there is a detailed view of skill A.2, "Place value". The skill description is "Type the missing numbers. five thousand six hundred fifty-nine =". Below the description, there is a form with input boxes for thousands, hundreds, tens, and ones. A "Submit" button is located below the form. To the right of the form, there is a sidebar with a "Questions answered" counter (0), a "Time elapsed" counter (00:00:27), a "SmartScore" counter (0 out of 100), and a "Teacher tools" section with a "Jump a level" button and a "Start Group Jam" button.

View by: Levels Topics Weekly plans Skill plans

### Level G math

IXL offers hundreds of Level G 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. Whole numbers and place value**

- 1 Convert between standard and expanded form
- 2 Place value
- 3 Relationship between place values
- 4 Write numbers in words
- 5 Spell word names for numbers up to one million
- 6 Roman numerals I, V, X, L, C, D, M

**B. Addition and subtraction**

- 1 Estimate sums and differences of whole numbers
- 2 Estimate sums and differences: word problems
- 3 Add and subtract whole numbers up to billions
- 4 Add and subtract whole numbers: word problems
- 5 Complete addition and subtraction sentences
- 6 Properties of addition
- 7 Add using properties

**P. Multiply fractions**

- 1 Multiply two fractions
- 2 Multiply two fractions: word problems
- 3 Multiply three fractions and whole numbers
- 4 Complete the fraction multiplication sentence I
- 5 Complete the fraction multiplication sentence II
- 6 Understand fraction multiplication and area
- 7 Multiply fractions to find area

**GG. Mixed operations: decimals**

- 1 Add, subtract, multiply, and divide decimals
- 2 Add, subtract, multiply, and divide decimals: word problems
- 3 New! Add, subtract, multiply, and divide decimals: multi-step word problems
- 3 Equations with mixed operations: true or false

**HH. Money and time**

- 1 Add and subtract money amounts
- 2 Add and subtract money: word problems
- 3 Add and subtract money: multi-step word problems
- 4 Multiply money amounts
- 5 Multiply money amounts: word problems
- 6 Multiply money amounts: multi-step word problems
- 7 Divide money amounts

**My IXL Learning Assessment Analytics**

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

Level G > A.2 Place value 83P

Learn with an example or Watch a video

Type the missing numbers.

five thousand six hundred fifty-nine =

thousands +  hundreds +  tens +  ones

Submit

Questions answered: 0

Time elapsed: 00:00:27

SmartScore: 0 out of 100

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>
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A. 1	Convert between standard and expanded form report			
A. 2	Place value			
A. 3	Relationship between place values			
A. 4	Write numbers in words			
A. 5	Spell word names for numbers up to one million			
A. 6	Roman numerals I, V, X, L, C, D, M			
C. 1	Understanding powers of ten			
C. 2	Evaluate powers of ten			
D. 1	Multiplication patterns over increasing place values			
D. 2	Multiply numbers ending in zeros			
D. 3	Multiply numbers ending in zeros: word problems			
D. 4	Multiply a whole number by a power of ten			

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
D. 5	Estimate products			
D. 6	Estimate products: word problems			
D. 7	Multiply by 1-digit numbers			
D. 8	Multiply by 1-digit numbers: word problems			
D. 9	Multiply by 2-digit numbers: complete the missing steps			
D. 10	Multiply 2-digit numbers by 2-digit numbers			
E. 6	Divide multi-digit numbers by 1-digit numbers			
E. 7	Divide by 1-digit numbers: interpret remainders			
E. 11	Divide 2-digit and 3-digit numbers by 2-digit numbers			
E. 12	Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems			
HH. 1	Add and subtract money amounts			
HH. 2	Add and subtract money: word problems			

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
HH. 3	Add and subtract money: multi-step word problems			
HH. 4	Multiply money amounts			
HH. 5	Multiply money amounts: word problems			
HH. 6	Multiply money amounts: multi-step word problems			
HH. 7	Divide money amounts			
HH. 8	Divide money amounts: word problems			
HH. 9	Price lists			
HH. 10	Unit prices			
HH. 11	Find the number of each type of coin			
HH. 12	Convert time units			