

## 4th Grade Math Summer Activities

This year, students will work toward proficiency in upcoming 4th grade skills through IXL. Students will complete a series of IXL activities over the summer. For each skill, students will work toward a Smart Score of 80 on the activity. 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 below. 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 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.

To access skills, please look under the fourth grade math section. The skill called "Place value names" would be listed as skill A.2.

The screenshot displays the IXL website interface. At the top, navigation links include "View by: Grades", "Topics", "Weekly plans", and "Skill plans". The main heading is "Fourth grade math", with statistics showing 381 skills, 69 lessons, 356 videos, and 62 games. A sidebar on the left lists skill categories: A. Place value, B. Fractions, C. Decimals, D. Addition and subtraction, E. Multiplication and division, F. Word problems, G. Geometry, H. Measurement, I. Data, J. Patterns, K. Algebra, L. Functions, M. Probability, N. Multi-step word problems, O. Fractions, P. Decimals, Q. Addition and subtraction, R. Multiplication and division, S. Word problems, T. Geometry, U. Measurement, V. Data, W. Patterns, X. Algebra, Y. Functions, Z. Probability. A large arrow points to skill A.2, "Place value names".

Below the sidebar, the skill list for "A. Place value" is shown, including "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 main content area displays a list of skills under the heading "Fourth grade math". The skills listed are: A. Place value, B. Fractions, C. Decimals, D. Addition and subtraction, E. Multiplication and division, F. Word problems, G. Geometry, H. Measurement, I. Data, J. Patterns, K. Algebra, L. Functions, M. Probability, N. Multi-step word problems, O. Fractions, P. Decimals, Q. Addition and subtraction, R. Multiplication and division, S. Word problems, T. Geometry, U. Measurement, V. Data, W. Patterns, X. Algebra, Y. Functions, Z. Probability.

The bottom section shows a sample question interface for skill A.2, "Place value names". The question is "Where is the digit 7?" with the number "57" displayed. The interface includes input fields for "ones place" and "tens place", a "Submit" button, and a sidebar on the right showing "Questions answered" (0), "Time elapsed" (00:00:35), "SmartScore out of 100" (0), "Teacher tools" (Jump a level, Teacher results not recorded), and "Start Group Jam".

<u>Skill</u>	<u>Skill Name</u>	<u>Date Completed</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
A.1	Place value models			
A.2	Place value names			
A.5	Convert between standard and expanded form			
A.6	Writing numbers up to one million: convert between words and digits			
B.1	Compare numbers up to one million			
C.1	Rounding: up to hundred thousands place			
C.3	Round a number to any place: up to hundred thousands			
D.1	Estimate sums			
D.3	Add two multi-digit numbers			
D.4	Add two multi-digit numbers: word problems			

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
E.1	Estimate differences			
E.3	Subtract two multi-digit numbers			
E.4	Subtract two multi-digit numbers: word problems			
F.1	Multiplication facts to 10			
F.2	Multiplication facts to 10: find the missing factor			
F.3	Multiplication facts to 12			
F.4	Multiplication facts to 12: find the missing factor			
F.10	Choose numbers with a particular product			
H.1	Multiplication patterns over increasing place values			
H.8	Multiply using the distributive property			

<u>Skill</u>	<u>Skill Name</u>	<u>Date</u>	<u>Smart Score OR Time Spent</u>	<u>Parent Initials</u>
J.1	Division facts to 10			
J.2	Division facts to 10: word problems			
J.3	Division facts to 12			
J.4	Division facts to 12: word problems			
AA.1	Count coins and bills- up to \$20 bill			
AA.3	Compare money amounts			
BB.1	Read a table			
BB.6	Interpret line graphs			
BB.8	Interpret bar graphs			
DD.1	Measure using an inch ruler			