

Name: \_\_\_\_\_

**Incoming 6th Grade (Xavier)**  
**2018 IXL Summer Math Assignment**

Hello!

Over the summer, we want to make sure you practice the skills you learned in 5th grade so you are ready for 6th grade Pre-Algebra in the fall!

Next year will be an exciting and challenging year. To keep your math skills sharp, you will find a number of IXL skills on the back of this letter to practice over the summer. We ask that you complete the 24 skills to prepare for Pre-Algebra. 10 of the skills are from 6th grade to review, and 10 of the skills are 7th grade to preview and prepare you for Pre-Algebra. You must reach a Smart Score of 85%, but if you can make it to 100% – even better! If a certain skill is too challenging, make a note on the chart and move on to the next skill. Be sure to pace yourself. Complete and return the checklist on the next page on the first day of math class in September.

\*IXL may update the skill list during the summer. If the letter/number combination on the IXL website does not match the skill listed below, work on the skill that matches the description

Don't wait until August to complete these skills. If you do 2-3 skills a week, you should be able to complete the whole list. If you know you are going on vacation over the summer, you may want to try to do 4-5 skills each week for the weeks you are at home. Using a calendar to map out what you will complete is a great idea and a great way to stay organized!

Can you do more than the listed skills? Of course! We have even given you blank spaces at the end of the chart to list any other skills that you completed that were not included on this sheet.

We hope you have a fun and safe summer!

The Sixth Grade Team

**IXL Review Skills**

<b>Under the 6th Grade Skills</b>	<b>Date Achieved 85% or more and score</b>	<b>Score Earned</b>
J.2 Add and subtract fractions with like denominators: word problems		
J.4 Add and subtract fractions with unlike denominators: word problems		
J.5 Inequalities with addition and subtraction of like and unlike fractions		
J.9 Maps with fractions and distances		
K.4 Estimate products of fractions and whole numbers		
K.10 Multiply mixed numbers and whole numbers		
K.11 Multiply mixed numbers		
O.9 Evaluate numerical expressions involving fractions		
O.10 Add, subtract, multiply, or divide two integers		
O.11 Evaluate numerical expressions involving integers		

**IXL Preview Skills**

<b>Under the 7th Grade Skills</b>	<b>Date Achieved 85% or more and score</b>	<b>Score Earned</b>
A.5 Greatest common factor		
A.6 Least common multiple		
B.1 Understanding integers		
B.2 Integers on number lines		
B.3 Graph integers on horizontal and vertical number lines		
B.4 Absolute value and opposite integers		
B.5 Compare and order integers		
D.1 Decimal numbers review		
D.2 Compare and order decimals		
D.3 Decimal number lines		