

Name \_\_\_\_\_ HR \_\_\_\_\_ Password \_\_\_\_\_

## Incoming Intro to Algebra and Geometry Math Work (Summer 2025)

**YOU MUST BE LOGGED IN WITH GOOGLE ON IXL WHEN YOU COMPLETE THIS.**

These activities review key ideas that will be needed in Pre-Algebra. You will use the **Seventh-grade** activities on IXL. Our school's URL is: <https://www.ixl.com/signin/incarnation> (or download the app and add @incarnation after your username).

The **GOAL** for each section is to achieve a **SMART SCORE of 80**. If you have exceeded 15 minutes and have not achieved this goal, please take the next 5-8 minutes to review the video and/or "Work it out" lessons at the bottom of the page. You may stop once you have completed 30 questions. Summer work should not be completed at the beginning of summer. This does not help the goal of overcoming summer slide. Please attempt to work over the entire summer on the skills.

Note: If these skills are challenging, you should be using the resources available in IXL to help you. Mastering these skills will ensure you are prepared for the coming school year. If you struggle with these skills, you might consider getting a summer math tutor.

**Summer IXL is to be turned in upon return to school for a completion grade. Your math teacher will accept your summer work until 9/5/25 for full credit.**

Skill Group	Section code	Possible Activities	Smart Score	Questions Completed
Operations with Integers		<a href="#">Add and subtract integers</a>		
		<a href="#">Multiply and Divide</a>		
Rational Numbers		<a href="#">Round decimals and mixed numbers</a>		
		<a href="#">Convert between decimals and fractions or mixed numbers</a>		
Operations with Rational Numbers		<a href="#">Add and subtract rational numbers</a>		
		<a href="#">Multiply and divide rational numbers</a>		
Ratios, Rates & Proportions		<a href="#">Solve proportions</a>		
		<a href="#">Unit rates</a>		
Percents		<a href="#">Convert between percents, fractions, and decimals</a>		
Coordinate Plane		<a href="#">Coordinate plane review</a>		
		<a href="#">Quadrants and axes</a>		
Geometric Measurement		<a href="#">Perimeter</a>		
		<a href="#">Area</a>		

Number Sequences		<a href="#">Number sequences: mixed review</a>		
Expressions & Properties		<a href="#">Evaluate multi-variable expressions</a>		
		<a href="#">Properties of addition and multiplication</a>		
One-Variable Equations		<a href="#">Solve one-step equations</a>		
		<a href="#">Solve two-step equations</a>		
One-Variable Inequalities		<a href="#">Solve one-step inequalities</a>		
Probability		<a href="#">Probability</a>		

You and your teacher will be able to see a summary of your work on the [www.ixl.com](http://www.ixl.com) site.

**Optional:** More than 30 problems in each section for extra practice if students and/or parents feel they need extra practice due to low scores or like the math section.

**Required:** Students are required to receive a SmartScore of 80 or attempt 30 problems in each section, stopping at whichever comes first. **Summer IXL is to be turned in upon return to school for a completion grade. Your math teacher will accept your summer work until 9/5/25 for full credit.**

**Parent Signature:** \_\_\_\_\_