

Math 8: Pre-Algebra Math Work (Summer 2026)

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 9/11/26 for full credit.

Skill Group	Section code	Possible Activities	Smart Score	Questions Completed
Operations with Integers	fns	Add and subtract integers		
	r8d	Multiply and Divide		
Rational Numbers	sju	Round mixed numbers		
	8xe	Convert between decimals and fractions or mixed numbers		
Operations with Rational Numbers	gku	Add and subtract rational numbers		
	bxw	Multiply and divide rational numbers		
Ratios, Rates & Proportions	tdu	Solve proportions		
	2nb	Unit rates		
Percents	2hw	Convert between percents, fractions, and decimals		
Coordinate Plane	vxw	Coordinate plane review		
	7tw	Quadrants and axes		
Geometric Measurement	7gq	Perimeter		
	62h	Area of Rectangles and Parallelograms		

Number Sequences	bkw	Sequences: mixed review		
Expressions & Properties	t56	Evaluate multi-variable expressions		
	d6g	Properties of addition and multiplication		
One-Variable Equations	wkm	Solve one-step equations		
	qeb	Solve two-step equations		
One-Variable Inequalities	qwh	Solve one-step inequalities		
Probability	zzb	Probability		

You and your teacher will be able to see a summary of your work on the 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 9/11/26 for full credit.**

Parent Signature: _____