

IXL Summer Math: Current Pre-Algebra Students

Please practice the skills below on IXL. You will be working on the 8th grade level because the summer practice is a review of what you have covered this year. You will need to master each skill with a smart score of 85% or above. Please fill in your smart score as you progress through the skills and bring this sheet with you on the first day of school next year. Your smart scores will be averaged to get your first quiz grade for the 2021-2022 academic year!

Helpful Tips:

- If you get a question wrong, read the explanation so that you don't make the same mistake next time.
- Use pencil and paper to work out the problems.
- Stretch out the work over the course of the summer. Leaving it all to the last minute will be stressful!
- Skills with * next to the name are assignments where you can use a calculator.

	Category	Code	Skill Name	Smart Score
1	Number Theory	A	Classify Numbers	
2	Rational Numbers	D	Put Rational Numbers in Order	
3	Operations with Rational Numbers	E	Evaluate Number Expressions Involving Rational Numbers	
4	Exponents and Roots	F	Positive and Negative Square Roots	
5	Exponents and Roots	F	Solve Equations with Square Roots	
6	Ratios, Rates, and Proportions	H	Do the Ratios Form a Proportion?	
7	Proportional Relationships	I	Identify Proportional Relationships from Tables	
8	Percents	J	Percent of Change *	
9	Consumer Math	K	Find the Percent: Tax, Discount, and More *	
10	Pythagorean Theorem	R	Pythagorean Theorem: Find the Missing Leg or Hypotenuse *	
11	Geometric Measurement	T	Area and Perimeter Word Problems *	
12	One-Variable Equations	W	Solve Equations with Variables on Both Sides	
13	Linear Equations	Y	Slope-Intercept Form: Find the Slope and Y-Intercept	
14	Linear Equations	Y	Graph a Line Using Slope	
15	Linear Equations	Y	Graph a Line from an Equation in Slope-Intercept Form	

Student Name: _____ (Please print.)

Parent Signature: _____

Student Signature: _____