

IXL Summer Math: Current Algebra Students

Please practice the skills below on IXL. You will be working on the Algebra 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!
- The use of a calculator is allowed only on skills marked with an * next to the skill name.

	Category	Code	Skill Name	Smart Score
1	Numbers	A	Compare and Order Rational Numbers	
2	Ratios, Rates, and Proportions	C	Solve Proportions: Word Problems	
3	Geometry	F	Area and Perimeter: Word Problems *	
4	Geometry	F	Pythagorean Theorem *	
5	Solve Equations	J	Solve Linear Equations: Word Problems	
6	Single Variable Inequalities	K	Solve Two-Step Linear Inequalities	
7	Linear Functions	S	Find the Slope of a Graph	
8	Linear Functions	S	Slope-Intercept Form: Graph the Equation	
9	Exponents	V	Negative Exponents	
10	Scientific Notation	W	Divide Numbers Written in Scientific Notation *	
11	Exponential Functions	X	Exponential Growth and Decay: Word Problems*	
12	Polynomials	Z	Multiply Polynomials	
13	Functions: Linear, Quadratic, and Exponential	CC	Identify Linear, Quadratic, Exponential Functions from Graphs	
14	Radical Expressions	EE	Simplify Radical Expressions: Mixed Review *	
15	Statistics	KK	Mean, Median, Mode, Range *	

Student Name: _____ (Please print.)

Parent Signature: _____

Student Signature: _____