

## IXL Summer Math: Current Math 7 Students

Please practice the skills below on IXL. You will be working on the 7<sup>th</sup> 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	<b>A</b>	Greatest Common Factor	
2	Operations with Integers	<b>C</b>	Add, Subtract, Multiply, Divide Integers	
3	Operations with Decimals	<b>E</b>	Add, Subtract, Multiply, Divide Decimals	
4	Operations with Fractions	<b>G</b>	Add, Subtract, Multiply, Divide Fractions	
5	Ratios, Rate, and Proportions	<b>J</b>	Unit Rates	
6	Ratios, Rates, and Proportions	<b>J</b>	Solve Proportions	
7	One Variable Equations	<b>S</b>	Solve 2 Step Equations	
8	One Variable Equations	<b>S</b>	Solve Equations: Word Problems	
9	One Variable Inequalities	<b>T</b>	Solve 1 Step Inequalities	
10	One Variable Inequalities	<b>T</b>	Solve 2 Step Inequalities	
11	Linear Functions	<b>V</b>	Graph a Line Using Slope	
12	Two Dimensional Figures	<b>W</b>	Find the Missing Angles in Quadrilaterals I	
13	Geometric Measurement	<b>AA</b>	Area and Perimeter Word Problems *	
14	Statistics	<b>CC</b>	Calculate Mean, Median, Mode, and Range *	
15	Probability	<b>DD</b>	Experimental Probability	

Student Name: \_\_\_\_\_ (Please print.)

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

Student Signature: \_\_\_\_\_