

Name: _____

Math Summer Assignment – Entering Pre-Calculus

Directions: Over the summer, please complete the assigned IXL Lessons. Record the SmartScore that you earn in the column next to each lesson. The desired SmartScore for each lesson is an 80. Please have a parent or guardian sign off on your completed work after each lesson. This assignment will be due by **Friday, August 18th**.

IXL Lesson Titles	SmartScore	Parent Digital Signature with Date	Alternative Lessons	SmartScore	Parent Digital Signature with Date
<input type="checkbox"/> A.2 Identify functions			<ul style="list-style-type: none">• F.2 Convert between exponential and logarithmic form		
<input type="checkbox"/> A.3 Evaluate functions			<input type="checkbox"/> F.3 Solve exponential equations using factoring		
<input type="checkbox"/> A.4 Find values using function graphs			<input type="checkbox"/> F.4 Evaluate logarithms		
<input type="checkbox"/> A.5 Complete a table for a function graph			<input type="checkbox"/> F.5 Change of base formula		
<input type="checkbox"/> A.6 Find the slope of a linear function			<input type="checkbox"/> F.6 Product property of logarithms		
<input type="checkbox"/> A.7 Graph a linear function			<input type="checkbox"/> F.7 Quotient property of logarithms		
<input type="checkbox"/> A.8 Write the equation of a linear function			<input type="checkbox"/> F.8 Power property of logarithms		

<input type="checkbox"/> A.9 Linear functions over unit intervals			<input type="checkbox"/> F.9 Evaluate logarithms using properties		
<input type="checkbox"/> A.11 Add, subtract, multiply, and divide functions			<input type="checkbox"/> F.10 Solve exponential equations using logarithms		
<input type="checkbox"/> A.12 Composition of functions			<input type="checkbox"/> F.11 Solve logarithmic equations with one logarithm		
			<input type="checkbox"/> F.12 Solve logarithmic equations with multiple logarithms		
			<input type="checkbox"/> F.13 Exponential functions over unit intervals		
			<input type="checkbox"/> F.14 Identify linear and exponential functions		
			<input type="checkbox"/> F.15 Describe linear and exponential growth and decay		
			<input type="checkbox"/> F.16 Exponential growth and decay: word problems		
			<input type="checkbox"/> F.17 Compound interest: word problems		