

Name: \_\_\_\_\_

Math Summer Assignment – Recommended Lessons for Students Entering PreCalculus

**Directions:** Over the summer, it is recommended that you complete the assigned IXL Lessons to prepare for the upcoming school year. Record the SmartScore that you earn in the column next to each lesson. The desired SmartScore for each lesson is an 80. If you are challenged by the assigned lesson, you may choose one of the alternative lessons in the third column to complete and record the score for your completed work.

<b>IXL Lesson Title</b>	<b>IXL Code &amp; SmartScore (Type into IXL Search Bar)</b>	<b>Alternative Lessons &amp; SmartScores</b>
Domain and Range	<input type="checkbox"/> YEC _____	<input type="checkbox"/> Y8C_____
Identify functions	<input type="checkbox"/> QTA _____	<input type="checkbox"/> 78A_____
Evaluate functions	<input type="checkbox"/> 6VY _____	<input type="checkbox"/> T9J_____
Find the slope of a linear function	<input type="checkbox"/> NQP _____	<input type="checkbox"/> R5T_____
Graph a linear function	<input type="checkbox"/> BRN _____	<input type="checkbox"/> UWB_____
Write the equation of a linear function	<input type="checkbox"/> RLL _____	<input type="checkbox"/> SNN_____
Add, subtract, multiply, and divide functions	<input type="checkbox"/> CLF _____	<input type="checkbox"/> QQD_____
Composition of functions	<input type="checkbox"/> TBH _____	<input type="checkbox"/> EKJ_____
Function transformation rules	<input type="checkbox"/> DUV _____	<input type="checkbox"/> 9PR_____
Translations of functions	<input type="checkbox"/> XTT _____	<input type="checkbox"/> 23W_____
Reflections of functions	<input type="checkbox"/> 2S4 _____	<input type="checkbox"/> DUV_____
Dilations of functions	<input type="checkbox"/> 9KX _____	<input type="checkbox"/> ZRD_____
Transformations of functions	<input type="checkbox"/> UAL _____	<input type="checkbox"/> 9KX_____

Describe function transformations	<input type="checkbox"/> JN6 _____	<input type="checkbox"/> XTT _____
Solve systems of linear inequalities by graphing	<input type="checkbox"/> KS6 _____	<input type="checkbox"/> RWU _____
Solve systems of linear and absolute value inequalities by graphing	<input type="checkbox"/> 6UE _____	<input type="checkbox"/> QYX _____
Find the vertices of a solution set	<input type="checkbox"/> KSP _____	<input type="checkbox"/> KS6 _____