

Name: _____

Math Summer Assignment – Entering Algebra 2

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. If you are challenged by the assigned lesson, you may choose the alternative lessons to complete and record the score for your completed work. If you choose the alternative lessons, you must complete all of the lessons listed in that section/rectangle. Please have a parent or guardian sign off on your completed work after each lesson. This assignment will be due by **Friday, August 18th and will be your 1st grade for the 2017 2018 school year.**

IXL Lesson Titles	SmartScore	Alternative Lessons	SmartScore	Parent Digital Signature with Date
Algebra 2: A.1 Evaluate variable expressions involving integers		8 th grade: V.4 Evaluate one-variable expressions Algebra 1: B.2 Evaluate numerical expressions involving integers		
Algebra 2: A.2 Evaluate variable expressions involving rational numbers		Algebra 1: B.6 Evaluate numerical expressions involving rational numbers		
Algebra 2: A.3 Simplify variable expressions using properties		Algebra 1: H.2 Distributive property 8 th grade: V.16 Factors of linear expressions		
Algebra 2: B.1 Solve linear equations		6 th grade: Z.4 Model and solve equations using algebra tiles Algebra 1: J.3 Solve one-step linear equations		
Algebra 2: B.2 Solve linear equations: word problems		Algebra 1: I.4 Write variable equations 7 th grade: S.7 Solve equations: word		

		problems		
Algebra 2: B.5 Solve multi-variable equations		Algebra 1: J.4 Solve two-step linear equations		
Algebra 2: C.1 Graph a linear inequality in one variable		Algebra 1: A.3 Number lines Algebra 1: K.3 Identify solutions to inequalities		
Algebra 2: C.2 Write inequalities from graphs				
Algebra 2: C.3 Write a linear inequality: word problems		Algebra 1: S.12 Write linear functions to solve word problems		
Algebra 2: C.4 Solve linear inequalities		Algebra 1: K.3 Identify solutions to inequalities		
Algebra 2: C.5 Graph solutions to linear inequalities				