

Name: _____

**Incoming 8th Grade 2018 IXL Summer Math Assignment
(Xavier)**

Directions: Complete and return this checklist the first day of math class in September.

****IXL may update the skill list during the summer. If the letter/number combination on the IXL website does not match the skill listed below, work on the skill that matches the description.**

IXL 8th Grade

8th Grade Skills	Date Achieved 85% or more
A.7 GCF and LCM: word problems	
Y.1 Find the slope of a graph	
Y.2 Find the slope from two points	
Y.6 Graph a line from an equation in slope-intercept form	

IXL Algebra 1

Algebra 1 Skills	Date Achieved 85% or more
A.1 Compare and order rational numbers	
B.6 Evaluate numerical expressions involving rational numbers	
C.6 Solve proportions: word problems	
D.7 Find the percent: tax, discount, and more	
F.3 Area and perimeter: word problems	
F.5 Surface area	
I.2 Simplify variable expressions involving like terms and the distributive property	
I.7 Solve equations using order of operations	

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Algebra 1 Skills	Date Achieved 85% or more
J.10 Solve linear equations: word problems	
K.10 Solve advanced linear inequalities	
L.4 Graph solutions to absolute value inequalities	
N.4 Interpret stem-and-leaf plots	
N.5 Interpret box-and-whisker plots	
S.10 Slope-intercept form: write an equation from a word problem	
S.19 Graph a horizontal or vertical line	
V.9 Identify equivalent expressions involving exponents	
Y.4 Multiply and divide monomials	
Z.5 Add polynomials to find perimeter	
Z.10 Multiply polynomials	