

Name: _____

**2022-2023 IXL Summer Math Assignment
Incoming 8th Grade HSPT Prep**

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

****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 Activity	Percentage	Date Completed
<i>Quantitative Skills- IXL 8th Grade level unless otherwise stated</i>		
W. 2 Arithmetic Sequence		
F. 1 Square roots of perfect squares		
A. 5 Roman Numerals (<i>6th Grade IXL</i>)		
D. 2 Compare and order decimals (<i>7th Grade IXL</i>)		
F.6 Compare and order fractions(<i>7th Grade IXL</i>)		
H.3 Convert between decimals, fractions or mixed numbers (<i>7th Grade IXL</i>)		
L.1 Convert between percents, fractions and decimals		
L.2 Compare percents to fractions and decimals		
L.6 Percents of numbers and money amounts		
Q.7 Find missing angles in triangles		
Q.15 Find measures of complementary, supplementary, vertical, adjacent, and congruent angles.		
X.4 Write variable expressions: word problems		

IXL Activity	Percentage	Date Completed
<i>Mathematics Skills-IXL 8th Grade level unless otherwise stated</i>		
C.8 Evaluate numerical expressions involving integers		
N. 1 Convert rates and measurements: customary units		
N. 2 Convert rates and measurements: customary units metric units		
X.12 Properties of addition and multiplication		
Q.1 Identify and classify polygons		
Q.2 Classify triangles		
Q.13 Interior angles of polygons		
Q.20 Parts of a circle		
V. 2 Area		
Y.5 Area of circles <i>(7th Grade IXL)</i>		
DD.7 Area of triangles <i>(5th Grade IXL)</i>		
FF. 1 Calculate mean, median, mode and range		