Summer Math IXL

For students who completed
7th Honors Math in 2023-2024

Requirements:

- **85% Smart Score** or higher on each completed lesson
- Complete **15 mandatory lessons** and **5 additional lessons chosen from the list** below
- **All work must be shown** on paper, labeled with the lesson title. This will be turned in.
- **The most current Smart Score** will be the one graded. For example, if you reach 78% and then drop to 54%, the 54% is the score that will count.

Once in IXL, go to <mark>Grade 7</mark> to find lessons.

15 Mandatory IXL Lessons

TYPE THIS CODE INTO SEARCH BAR	LESSON TITLE	√
3S7	Scientific notation	
7YN	Evaluate numerical expressions involving integers	
GKU	Add and subtract rational numbers	
BXW	Multiply and divide rational numbers	
D7P	Evaluate numerical expressions involving exponents	
TDA	Solve proportions	
JAE	Compare percents to fractions and decimals	
67F	Solve percent equations	
SPN	Percent of a number: tax, discount and more	
ZHX	Multi-step problems with percents	
TWW	Constant rate of change	
CST	Find measures of complementary, supplementary, vertical & adjacent angles	
YA8	Area of circles	
RKC	Area between two shapes	
NSH	Solve two-step equations with parentheses	

5 "Choice" Lessons: Choose 5 additional IXL lessons from the list below.

TYPE THIS CODE INTO SEARCH BAR	LESSON TITLE	√
WVQ	Classify real numbers	
PFS	Powers with decimal and fractional Bases	
BL7	Percent of change	
BDA	Sale prices: find the original price	
XMD	Write variable expressions: word problems	
T56	Evaluate multi-variable expressions	
NUY	Multiply using the distributive property	

J9G	Factors of linear expressions	
D2Y	Solve two-step equations: word problems	
2LU	Complete a table for a two-variable relationship	
8UC	Side lengths and angle measures of congruent figures	
8VJ	Similar figures and indirect measurement	
URT	Volume of cubes and prisms	
RFP	Surface area of cubes and prisms	
NED	Probability of independent and dependent events	