

# Summer Math IXL

For students who completed  
7<sup>th</sup> On-level 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 **Grade 7** to find lessons.

## 15 Mandatory IXL Lessons

TYPE THIS CODE INTO SEARCH BAR	LESSON TITLE	√
GKU	Add and subtract rational numbers <b>(No calculator)</b>	
BXW	Multiply and divide rational numbers <b>(No calculator)</b>	
TDA	Solve proportions	
LKZ	Find the constant of proportionality from a table	
ZUT	Find the constant of proportionality from a graph	
2HW	Convert between percents, fractions, and decimals	
SPN	Percent of a number: tax, discount and more	
VXU	Coordinate plane review	
XMD	Write variable expressions: word problems	
NUY	Multiply using the distributive property	
6BT	Add and subtract linear expressions	
QEB	Solve two-step equations	
CST	Find measures of complementary, supplementary, vertical & adjacent angles	
U2A	Calculate mean, median, mode, and range	
4U6	Find missing angles in triangles	

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

TYPE THIS CODE INTO SEARCH BAR	LESSON TITLE	√
LVS	Divisibility rules <b>(No calculator)</b>	
R8D	Multiply and divide integers <b>(No calculator)</b>	
D7P	Evaluate numerical expressions involving exponents <b>(No calculator)</b>	
N7G	Unit prices	
T56	Evaluate multi-variable expressions	
E7H	Identify terms and coefficients	
VSW	Solve equations involving like terms	
2LU	Complete a table for a two-variable relationship	

HKG	Identify complementary, supplementary, vertical, & adjacent angles	
YA8	Area of circles	
KS7	Circumference of circles	
URT	Volume of cubes and prisms	
WEA	Scale drawings of polygons	
MRG	Area of compound figures with triangles	