

# Summer Math for students that completed 7<sup>th</sup> Honors Math with Robert in 2022 - 2023

## IXL Summer Math Lessons

**Directions:** This list is for students who completed 7<sup>th</sup> Honors Math (ROBERT). To receive full credit for summer math, students must earn an **85%** on each completed lesson. Students must complete **15 mandatory lessons** and **5 additional lessons chosen from the list** below.

Once in IXL, go to **Grade 7** 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 percent	
QEB	Solve two-step equations	
CST	Find measures of complementary, supplementary, vertical & adjacent angles	
YA8	Circle: calculate, area, circumference, radius and diameter	
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 Numbers	
PFS	Exponent with Decimal and Fractional Bases	
BL7	Percent of change	
BDA	Sale prices: find the original price	
E7Y	Simple Interest	
XMD	Write variable expressions: word problems	
T56	Evaluate multi-variable expressions	
NUY	Multiply using the distributive property	

J9G	Factors of linear expressions	
D2Y	Solve 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	