

Summer Work for Students who successfully completed Math 7
Entering Math 8 in September 2017

IXL

1. Number Theory
 - Divisibility Rules
 - Prime or Composite
 - Greatest Common Factor
 - Least Common Multiple
2. Integers
 - Absolute value and opposite integers
3. Operations with Integers
 - Integer addition and subtraction rules
 - Add and subtract integers using counter
 - Add and subtract integers
 - Add and subtract three or more integers
 - Add and subtract integers: word problems
 - Integer multiplication and division integers
 - Evaluate numerical expressions involving integers
4. Rational Numbers
 - Write fractions in lowest terms
 - Least common denominator
 - Round decimals and mixed numbers
 - Convert between decimals and fractions or mixed numbers
 - Identify rational and irrational numbers
 - Compare rational numbers
 - Put rational numbers in order
5. Operations with rational numbers
 - Reciprocals and multiplicative inverses
 - Add and subtract rational numbers
 - Add and subtract rational numbers: word problems
 - Apply addition and subtraction rules
 - Multiply and divide rational numbers
 - Multiply and divide rational numbers: word problems
 - Apply multiplication and division rules
 - Apply addition, subtraction, multiplication, and division rules
 - Evaluate numerical expressions involving rational numbers
6. Ratios, rates and proportions
 - Understanding ratios
 - Unit Rates
 - Solve Proportions