

MATH IXL SUMMER REVIEW AND PRACTICE - For Rising 7th Graders

Students and parents,

Rising 7th graders are required to complete the skills listed below over the summer on IXL.com. Your child will continue to use the IXL username / password assigned to them at the beginning of the year. Students are required to attain a score of **80** for each of the lessons. **A first quarter test grade will be given for the completion of this summer work.** The work must be completed between the dates of **June 10th and August 23rd 2019.** Be sure you are working in **6th grade math** in IXL.

Number Theory

- A.1 - Place Value in Whole Numbers

Division

- C.1 - Divisibility Rules

Exponents & Square Roots

- D.2 - Evaluate Exponents

Number Theory

- E.1 - Convert Between Standard & Scientific Notation
- E.7 - Greatest Common Factor
- E.9 - Least Common Multiple

Decimals

- F.2 - Decimal Place Value
- F.6 - Round Decimals
- F.8 - Decimal Number Lines

Fractions & Mixed Numbers

- I.5 - Write Fractions in Lowest Terms
- I.9 - Convert Between Improper Fractions & Mixed Numbers

Add & Subtract Fractions

- J.7 - Add and Subtract Mixed Numbers: Word Problems

Divide Fractions

- L.7 - Divide Fractions & Mixed Numbers

Operations with Integers

- N.7 - Add 3 or More Integers
- N.9 - Multiply Integers
- N.11 - Divide Integers

Rational Numbers

- P.1 - Rational Numbers: equal or not equal

Ratios

- R.1 - Write a Ratio
- R.4 - Identify Equivalent Ratios
- R.13 - Solve the Proportion

Percents

- S.2 - Convert Between Percents, Fractions, & Decimals

- S.6 - Percents of Numbers: Word Problems

Units of Measurement

- T.3 - Convert and Compare Customary Units
- T.7 - Convert & Compare Metric Units

Coordinate Plane

- X.2 - Graph Points on a Coordinate Plane

Expressions & Properties

- Y.1 - Write Variable Expressions

Have a great summer,

Mrs. Hinckley & Mr. Holt

Two Dimensional Figures

- CC.9 - Find the Missing Angles in Triangles
- CC.11 - Find the Missing Angles in Quadrilaterals
- CC.15 - Complementary & Supplementary Angles

Geometric Measurement

- FF.1 - Perimeter
- FF.3 - Area of Triangles
- FF.5 - Area of Quadrilaterals

Statistics

- HH.2 - Calculate Mean, Median, Mode, & Range

Probability

- II.2 - Probability of One Event