

## MATH IXL SUMMER REVIEW AND PRACTICE - For Rising 8th Graders (Holt)

Students and Parents,

Rising 8th graders are required to complete the skills listed below over the summer on IXL.com. Your child will continue to use the same IXL username / password assigned to them earlier in the year. Students are required to attain a **score of 80** for each lesson. **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 23th, 2018.** Make sure they are working in **7th grade math** on IXL.

### Number Theory

- A.5 - Greater Common Factor
- A.6 - Least Common Multiple
- A.9 - Scientific Notation

### Operations with Integers

- C.9 - Add & Subtract Integers
- C.17 - Multiply & Divide Integers

### Decimals

- D.4 - Round Decimals

### Fractions & Mixed Numbers

- F.3 - Write Fractions in Lowest Terms
- F.6 - Compare & Order Fractions

### Operations with Fractions

- G.2 Add & Subtract Fractions: word problems

### Exponents & Square Roots

- I.1 - Understanding Exponents
- I.10 - Square Roots of Perfect Squares

### Ratios, Rates & Proportions

- J.2 - Identify Equivalent Ratios
- J.3 - Write an Equivalent Ratio

### Percents

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

### Consumer Math

- M.1 - Add, Subtract, Multiply & Divide Money Amounts: word problems

### Units of Measurements

- O.3 - Compare & Convert Customary Units
- O.5 - Compare & Convert Metric Units

### Coordinate Plane

- P.1 - Coordinate Plane Review

### Expressions & Properties

- R.1 - Write Variable Expressions

### Two-Dimensional Figures

- W.9 - Find the missing Angles in Triangles
- W.17 - Find the Measure of Complementary, Supplementary, Vertical & Adjacent Angles
- W.20 - Transversal of Parallel Lines

### Geometric Measurement

- AA.1 - Perimeter
- AA.2 - Area of Rectangles & Parallelograms
- AA.3 - Area of Triangles & Trapezoids

### Statistics

- CC.1 Calculate Mean, Median, Mode & Range