

MATH IXL SUMMER REVIEW AND PRACTICE – For Rising 6th Graders

Students and parents,

Rising 6th 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 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 2018**. Make sure you are working in **5th grade math** on IXL.

PLACE VALUE AND NUMBER SENSE

- A.2 – Place Value
- A.8 – Rounding

ADDITION AND SUBTRACTION

- B.6 – Properties of addition

DIVISION

- D.1 – Division facts to 12

EXPONENTS

- E.1 – Understanding exponents

NUMBER THEORY

- F.1 – Prime and composite numbers
- F.6 – Greatest common factor
- F.8 – Least common multiple

ADD AND SUBTRACT FRACTIONS

- L.11 – Add and subtract fractions with unlike denominators: word problems
- L.20 – Add and subtract mixed numbers: word problems

DECIMALS

- G.1 – What decimal number is illustrated?
- G.4 – Place values in decimal numbers
- G.7 – Round decimals
- G.12 – Convert fractions to decimals
- G.14 – Convert decimals to fractions

ADD AND SUBTRACT DECIMALS

- H.8 – Estimate sums and differences of decimals

FRACTIONS AND MIXED NUMBERS

- K.4 – Equivalent fractions
- K.5 – Write fractions in lowest terms
- K.6 – Convert between improper fractions and mixed numbers

MULTIPLY FRACTIONS

- M.15 – Multiply two fractions

RATIOS AND RATES

- Q.1 – Determine the ratio
- Q.2 – Write a ratio: word problems

PERCENTS

- R.1 – What percentage is illustrated?

GEOMETRIC MEASUREMENT

- EE.5 – Area of squares and rectangles
- EE.7 – Area of triangles

COORDINATE PLANE

- U.5 – Objects on a coordinate plane
– all four quadrants

UNITS OF MEASUREMENT

- Z.1 – Choose the appropriate customary unit of measure
- Z.12 – Choose the appropriate metric unit of measure

TWO-DIMENSIONAL FIGURES

- AA.8 – Measure angles with a protractor
- AA.9 – Find the unknown angle in triangles and quadrilaterals

TRIANGLES AND QUADRILATERALS

- BB.3 – Classify triangles
- BB.10 – Classify quadrilaterals

THREE-DIMENSIONAL FIGURES

- DD.2 – Count vertices, edges, and faces
- DD.3 – Nets of three-dimensional figures