INCOMING SEVENTH GRADERS

Summer 2018 IXL Math Requirements: 5 hours from the following topics:

IXL Grade Level: 6

C.1:Divisibility rules

F.2:Decimal place values

F.3:Word names for decimal numbers

F.4:Convert decimals to mixed numbers

F.5:Put decimal numbers in order

F.6:Inequalities with decimals

F.7:Round decimals

F.8:Round whole numbers and decimals: find the missing digit

F.9:Decimal number lines

G.1:Add and subtract decimal numbers

G.2:Add and subtract decimals: word problems

G.3:Estimate sums and differences of decimals

H.1:Estimate products of decimal numbers

H.2:Multiply decimals

H.3:Inequalities with decimal multiplication

H.4:Divide decimals by whole numbers

H.5:Divide decimals by whole numbers: word problems

H.6:Multiply and divide decimals by powers of ten

H.7:Division with decimal quotients

I.1:Fractions and mixed numbers review

I.2:Understanding fractions: word problems

I.3:Equivalent fractions review

I.4:Write fractions in lowest terms

I.5:Fractions: word problems

I.6:Least common denominator

I.7:Compare fractions with like and unlike denominators

I.8:Compare fractions: word problems

I.9:Convert between improper fractions and mixed numbers

I.10:Convert between decimals and fractions or mixed numbers

I.11:Put a mix of decimals, fractions, and mixed numbers in order

J.1:Add and subtract fractions with like denominators

J.2:Add and subtract fractions with like denominators: word problems

J.3:Add and subtract fractions with unlike denominators

J.4:Add and subtract fractions with unlike denominators: word problems

J.5:Inequalities with addition and subtraction of like and unlike fractions

J.6:Add and subtract mixed numbers

J.7:Add and subtract mixed numbers: word problems

K.1:Fractions of whole numbers I

K.2:Fractions of whole numbers II

K.3:Fractions of a number: word problems

K.4:Estimate products of fractions and whole numbers

K.5:Multiply two fractions using models

K.6:Multiply two fractions

K.7:Multiply fractions: word problems

L.1:Divide whole numbers by unit fractions using models

L.2:Reciprocals

L.3:Divide whole numbers and unit fractions

L.4:Divide fractions by whole numbers in recipes

L.5:Divide fractions

L.6:Estimate quotients when dividing mixed numbers

L.7:Divide fractions and mixed numbers

L.8:Divide fractions and mixed numbers: word problems

FF.1:Perimeter

FF.2:Area of rectangles and squares

FF.3:Area of triangles

FF.11:Circles: calculate area, circumference, radius, and diameter

FF.12:Circles: word problems