

6th ->7th Math Summer Assignments for Grade Level Group

Do the following IXLs UNDER 6TH GRADE to a Smart Score of 85.

Please don't hesitate to contact me if you have any problems or concerns.

faws7@fatherandrewwhite.org

6th Grade IXL.COM

Exponents and square roots

D.1 Write multiplication expressions using exponents

D.2 Evaluate exponents

D.11 Square roots of perfect squares

Number theory

E.4 Identify factors

E.5 Prime factorization

E.6 Prime factorization with exponents

E.7 Greatest common factor

E.9 Least common multiple

Decimals

F.4 Put decimal numbers in order

Add and subtract decimals

G.1 Add and subtract decimal numbers

Multiply and divide decimals

H.2 Multiply decimals

H.4 Divide decimals by whole numbers

H.6 Multiply and divide decimals by powers of ten

H.7 Division with decimal quotients

Fractions and mixed numbers

I.6 Least common denominator

I.9 Convert between improper fractions and mixed numbers

I.12 Convert between decimals and fractions

Add and subtract fractions

J.3 Add and subtract fractions with unlike denominators

J.6 Add and subtract mixed numbers

Multiply fractions

K.6 Multiply two fractions

K.10 Multiply three or more fractions and whole numbers

K.12 Multiply mixed numbers and whole numbers

K.13 Multiply mixed numbers

K.15 Multiply three or more mixed numbers, fractions, and/or whole numbers

Divide fractions

L.2Reciprocals

L.3Divide whole numbers and unit fractions

L.5Divide fractions

L.7Divide fractions and mixed numbers

Integers

M.1Understanding integers

M.2Integers on number lines

M.3Graph integers on horizontal and vertical number lines

M.6Compare integers

M.7Put integers in order

Mixed operations

O.1Add, subtract, multiply, or divide two whole numbers

O.3Evaluate numerical expressions involving whole numbers

O.4Add, subtract, multiply, or divide two decimals

O.7Add, subtract, multiply, or divide two fractions

Coordinate plane

X.1Objects on a coordinate plane

X.2Graph points on a coordinate plane

X.3Quadrants

Two-dimensional figures

CC.1Identify and classify polygons

CC.2Measure and classify angles

CC.4Classify triangles

CC.6Identify trapezoids

CC.7Classify quadrilaterals

CC.8Graph triangles and quadrilaterals

CC.9Find missing angles in triangles

CC.11Find missing angles in quadrilaterals

CC.13Lines, line segments, and rays

CC.14Name angles

CC.15Complementary and supplementary angles

CC.17Find the measures of complementary, supplementary, vertical, and adjacent

CC.19Parts of a circle

Geometric measurement

FF.3Area of triangles