

6th ->7th Summer Assignments for Advanced Group

Do the following IXLs UNDER 7TH GRADE to a Smart Score of 85.

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

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7th Grade IXL.COM

Number theory

A.3Multiplicative inverses

A.5Greatest common factor

A.6Least common multiple

A.9Scientific notation

Operations with integers

C.9Add and subtract integers

C.17Multiply and divide integers

Operations with decimals

E.3Multiply decimals

E.5Divide decimals

Operations with fractions

G.3Add and subtract mixed numbers

G.7Multiply fractions and whole numbers

G.10Multiply mixed numbers

G.13Divide mixed numbers

Exponents and square roots

I.2Evaluate exponents

I.4Exponents with negative bases

I.10Square roots of perfect squares

I.11Estimate square roots

Ratios, rates, and proportions

J.9Do the ratios form a proportion?

J.11Solve proportions

Percents

L.2Convert between percents, fractions, and decimals

Expressions and properties

R.10Properties of addition and multiplication

R.11Multiply using the distributive property

R.15Add and subtract like terms

One-variable equations

S.1 Which x satisfies an equation?

S.6 Solve two-step equations

S.8 Solve equations involving like terms

One-variable inequalities

T.3 Write inequalities from number lines

T.4 Solve one-step inequalities

T.5 Graph solutions to one-step inequalities

T.6 Solve two-step inequalities

T.7 Graph solutions to two-step inequalities

Linear functions

V.1 Find the slope from a graph

Two-dimensional figures

W.1 Identify and classify polygons

W.3 Classify triangles

W.5 Identify trapezoids

W.6 Classify quadrilaterals

W.9 Find missing angles in triangles

W.11 Find missing angles in quadrilaterals

W.14 Lines, line segments, and rays

W.15 Parallel, perpendicular, and intersecting lines

W.16 Identify complementary, supplementary, vertical, adjacent, and congruent angles

W.17 Find measures of complementary, supplementary, vertical, and adjacent angles

W.22 Parts of a circle

Geometric measurement

AA.1 Perimeter

AA.2 Area of rectangles and parallelograms

AA.3 Area of triangles and trapezoids

AA.5 Circles: calculate area, circumference, radius, and diameter

AA.7 Volume of cubes and prisms

AA.11 Surface area of cubes and prisms