

7th Grade (soon to be 8th Grade) Advanced Math
Summer Assignments on IXL - 2024

- B.12** Add and subtract Integers
- B.22** Multiply and Divide Integers
- S.3** Simplifying expressions by combining like terms
- S.5** Multiply using the distributive property
- T.6** Solve one-step equations
- T.9** Solve two-step equations
- T.8** Solve two-step equations with parentheses
- T.11** Solve two-step equations word problems
- U.8** Graph solutions to two-step inequalities
- N.1** Find the constant of proportionality from a table
- N.4** Find the constant of proportionality from a graph
- N.10** Interpret graphs of proportional relationships
- L.12** Solve proportions word problems
- O.2** Convert between percents, fractions, and decimals
- O.9** Solve percent equations word problems
- O.10** Percent of change
- P.12** Simple Interest
- Y.5** Find measure of complementary, supplementary, vertical, and adjacent angles
- Z.8** Find missing angles in triangles
- BB.7** Circles: word problems
- BB.2** Area of parallelograms and rectangles
- BB.3** Area of triangles and trapezoids
- DD.2** Scale drawings: word problems
- CC.1** Surface area of cubes and prisms
- CC.2** Surface area of pyramids
- CC.4** Volume of cubes and prisms
- HH.5** Calculate mean absolute deviation
- HH.6** Calculate quartiles and interquartile range
- GG.13** Box plots
- II.7** Make predictions using theoretical probability
- II.14** Probability of independent and dependent events
- II.10** Find the number of outcomes