

7th Grade (soon to be 8th Grade) Advanced Math
Summer Assignments on IXL - 2026

- ☐ **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.10** Solve two-step equations
- ☐ **T.9** Solve two-step equations with parentheses
- ☐ **T.13** 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.13** 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.5** Volume of cubes and prisms
- ☐ **HH.5** Calculate mean absolute deviation
- ☐ **HH.6** Calculate quartiles and interquartile range
- ☐ **GG.13** Box plots
- ☐ **II.8** Make predictions using theoretical probability
- ☐ **II.16** Probability of independent and dependent events
- ☐ **II.12** Find the number of outcomes