

6th Grade (soon to be 7th Grade) Advanced Math
Summer Assignments on IXL - 2026

- ☐ **H.2** Add and subtract decimals: word problems
- ☐ **I.11** Multiply and divide decimals: word problems
- ☐ **K.7** Add and subtract mixed numbers: word problems
- ☐ **L.15** Multiply mixed numbers: word problems
- ☐ **M.12** Divide fractions and mixed numbers: word problems
- ☐ **O.2** Integers on number lines
- ☐ **Q.5** Put rational numbers in order
- ☐ **Q.8** Absolute value of rational numbers
- ☐ **S.9** Write an equivalent ratio
- ☐ **S.14** Ratios and rates: complete a table and make a graph
- ☐ **S.17** Compare rates: word problems
- ☐ **W.3** Convert and compare customary units
- ☐ **W.7** Convert and compare metric units
- ☐ **U.7** Convert between percents, fractions, and decimals
- ☐ **V.11** Solve percent word problems
- ☐ **R.3** Graph points on a coordinate plane
- ☐ **R.5** Reflect a point over an axis
- ☐ **R.7** Distance between two points
- ☐ **R.9** Area and perimeter of squares and rectangles on the coordinate plane
- ☐ **D.2** Evaluate powers with whole number bases
- ☐ **E.7** Evaluate numerical expressions involving whole numbers
- ☐ **Z.5** Multiply using the distributive property
- ☐ **Y.3** Write variable expressions: word problems
- ☐ **AA.10** Solve one-step equations with whole numbers
- ☐ **BB.6** Graph solutions to one-step inequalities
- ☐ **JJ.6** Calculate mean absolute deviation
- ☐ **JJ.7** Calculate quartiles and interquartile range
- ☐ **II.2** Interpret line plots
- ☐ **II.13** Interpret histograms
- ☐ **II.21** Box plots