

6th Grade (soon to be 7th Grade) Advanced Math
Summer Assignments on IXL - 2023

- ☐ **G.2** Add and subtract decimals: word problems
- ☐ **H.11** Multiply and divide decimals: word problems
- ☐ **J.7** Add and subtract mixed numbers: word problems
- ☐ **K.14** Multiply mixed numbers: word problems
- ☐ **L.10** Divide fractions and mixed numbers: word problems
- ☐ **M.2** Integers on number lines
- ☐ **P.5** Put rational numbers in order
- ☐ **P.8** Absolute value of rational numbers
- ☐ **R.6** Write an equivalent ratio
- ☐ **R.11** Ratios and rates: complete a table and make a graph
- ☐ **R.14** Compare rates: word problems
- ☐ **T.3** Convert and compare customary units
- ☐ **T.7** Convert and compare metric units
- ☐ **S.4** Convert between percents, fractions, and decimals
- ☐ **S.18** Solve percent word problems
- ☐ **X.3** Graph points on a coordinate plane
- ☐ **X.5** Reflect a point over an axis
- ☐ **X.7** Distance between two points
- ☐ **X.9** Area and perimeter of squares and rectangles on the coordinate plane
- ☐ **D.2** Evaluate exponents
- ☐ **O.4** Evaluate numerical expressions involving whole numbers
- ☐ **Y.14** Multiply using the distributive property
- ☐ **Y.3** Write variable expressions: word problems
- ☐ **Z.10** Solve one-step equations with whole numbers
- ☐ **AA.6** Graph solutions to one-step inequalities
- ☐ **HH.6** Calculate mean absolute deviation
- ☐ **HH.7** Calculate quartiles and interquartile range
- ☐ **GG.3** Interpret line plots
- ☐ **GG.14** Interpret histograms
- ☐ **GG.23** Box plots