

**7th Grade (soon to be 8th Grade) Math**  
**Summer Assignments on IXL - 2023**

- ☐ **C.12** Add and subtract Integers
- ☐ **C.22** Multiply and Divide Integers
- ☐ **R.12** Simplifying expressions by combining like terms
- ☐ **R.14** Multiply using the distributive property
- ☐ **S.6** Solve one-step equations
- ☐ **S.9** Solve two-step equations
- ☐ **S.8** Solve two-step equations with parentheses
- ☐ **S.11** Solve two-step equations word problems
- ☐ **T.8** Graph solutions to two-step inequalities
- ☐ **K.1** Find the constant of proportionality from a table
- ☐ **K.4** Find the constant of proportionality from a graph
- ☐ **K.10** Interpret graphs of proportional relationships
- ☐ **J.12** Solve proportions word problems
- ☐ **L.2** Convert between percents, fractions, and decimals
- ☐ **L.9** Solve percent equations word problems
- ☐ **L.10** Percent of change
- ☐ **M.12** Simple Interest
- ☐ **M.6** Percent of a number: tax, discount, and more
- ☐ **W.17** Find measure of complementary, supplementary, vertical, and adjacent angles
- ☐ **W.9** Find missing angles in triangles
- ☐ **Y.7** Circles: word problems
- ☐ **Y.2** Area of parallelograms and rectangles
- ☐ **Y.3** Area of triangles and trapezoids
- ☐ **Z.2** Scale drawings: word problems
- ☐ **Y.15** Surface area of cubes and prisms
- ☐ **Y.16** Surface area of pyramids
- ☐ **Y.18** Volume of cubes and prisms
- ☐ **DD.5** Calculate mean absolute deviation - ***Advanced Math only***
- ☐ **DD.6** Calculate quartiles and interquartile range - ***Advanced Math only***
- ☐ **CC.16** Box plots - ***Advanced Math only***
- ☐ **EE.7** Make predictions using theoretical probability - ***Advanced Math only***
- ☐ **EE.13** Probability of independent and dependent events - ***Advanced Math only***
- ☐ **EE.14** Find the number of outcomes - ***Advanced Math only***