

5th Grade (soon to be 6th Grade) Advanced Math
Summer Assignments on IXL 2026

- ☐ **B.4** - add and subtract whole numbers: word problems
- ☐ **D.12** - multiply a 2-digit number by a larger number
- ☐ **E.13** - divide 4-digit numbers by 2-digit numbers
- ☐ **Y.2** - convert fractions to decimals
- ☐ **Y.3** - convert mixed numbers to decimals
- ☐ **CC.7** - multiply a decimal by a multi-digit number
- ☐ **DD.7** - multiply two decimals with a product up to the thousandths
- ☐ **FF.11** - division by decimals
- ☐ **L.7** - add and subtract fractions with unlike denominator: word problems
- ☐ **O.2** - multiply fractions and whole numbers II
- ☐ **P.1** - multiply two fractions
- ☐ **R.4** - multiply two mixed numbers
- ☐ **LL.9** - following directions on a coordinate plane
- ☐ **II.10** - multi step problems with customary conversions
- ☐ **JJ.9** - multi step problems with metric conversions
- ☐ **PP.3** - classify triangles
- ☐ **QQ.6** - classify quadrilaterals
- ☐ **TT.4** - area of compound figures
- ☐ **UU.9** - volume of compound figures
- ☐ **AA.6** - add and subtract decimal numbers
- ☐ **V.2** - add,subtract,multiply and divide fractions and mixed no.: word problems
- ☐ **GG.2** - add,subtract,multiply and divide decimals: word problems
- ☐ **FF.8** - division with decimal quotient: word problems
- ☐ **EE.6** - divide by 0.1 or 0.01
- ☐ **J.4** - convert between improper fractions and mixed numbers
- ☐ **K.1** - graph and compare fractions on number lines
- ☐ **N.3** - multiply fractions by whole numbers using number lines
- ☐ **U.4** - divide unit fractions and whole numbers: word problems
- ☐ **T.7** - divide unit fractions and whole numbers using area models
- ☐ **M.3** - add mixed numbers with unlike denominators
- ☐ **Q.2** - multiplying a mixed number by a whole number using a model

Dear Parents and Students,

On the other side of this paper you will find your summer math work. All work will be done on www.ixl.com/signin/paterson or on the IXL app (that can be downloaded for free). The students are all familiar with IXL. They all have a username and password that they should know (don't forget to add "@paterson" to the end of your username now). If you forget your login information please email me. Your summer work was designed with the intention that you should be going onto IXL at least 3 times a week for the 10 weeks of summer. If you do this, and do at least one topic each time, you will have no trouble finishing the work. This is meant to keep your brain working throughout the summer and to help you remember all that you have learned this year in Math. You need to earn 90% (proficient) in each of the topics. I will be keeping track of your work throughout the summer. Your grade for the summer work will be based on the amount of work you complete. If you complete all of the assigned topics to 90% then you will receive 100/A+. Any assignments not completed to 90% or not finished at all will affect your grade accordingly. If the letters/numbers don't match what's on the IXL program, follow the concepts given on your sheet. My email address is below in case you run into any problems. I will be monitoring your progress throughout the summer. Please don't leave the work to the last minute, as it will be very hard to complete it all, and it defeats the purpose of keeping your brain active. Have a great summer!

Sincerely,

Ms. Kaye (mkaye@svmsnj.org)