

Academy of Greatness and Excellence

2020-2021

6th Grade IXL Summer Math Assignment



Assalamu Alaikum WRWB Dear Students,

Congratulations on becoming a 6th grader. Students who completed 5th grade at AGE are being asked to complete the accompanying IXL Math assignments over the summer. You had a busy year learning new Math skills during 5th grade. Mastery in all these skills is extremely important. In order to help you stay sharp in Math skills this summer, the Math team has designed a Summer Math Program based on IXL lessons so you stay engaged in practicing essential Math skills that you have already learned. IXL is a comprehensive, Common Core Standards-Aligned Math Program offering unlimited practice in thousands of skills. One of the best things about IXL is that it is a web-based program so you may use it either from your computer at home or on a smart-phone/tablet from anywhere you have internet access.

Student Expectations:

- ✓ Each student must **get a smart score of 85% for each skill assigned.**
- ✓ Students should log on to <https://www.ixl.com/signin/age> and complete the assigned skills according to grade level.
- ✓ The user id and password will be the same as provided to you by your AGE teachers. While we encourage all of our students to rest and relax during the summer months, it is also important to take time to reinforce and maintain academic skills gained throughout the school year.
- ✓ All IXL assignments are to be completed by **September 21, 2020.**
- ✓ You will receive an **ASSIGNMENT GRADE** for the entire assignment! This will be your first assignment grade for the year counted towards the 1st trimester grade.
- ✓ **Usage of calculators are not allowed.**

Practice, excel, and have a great summer!

Directions:

- Login to your account.
- **Select Grade 5** and find the following listed assigned work. Even if you had done some of the listed lessons during your 5th grade school year, you will still need to **do it again**. You must score a **smart score of at least 90** for each lesson. If you get an answer wrong, read the explanation in order to understand it better then proceed.
- Always sit with pencil and paper to work and answer questions.

List of IXL lessons from 5th grade Math:

- ☐ O.5 Evaluate numerical expressions
- ☐ V.8 Complete a table for a two-variable relationship
- ☐ A.1 Convert between standard and expanded form
- ☐ G.4 Place values in decimal numbers
- ☐ E.3 Write powers of ten with exponents
- ☐ I.2 Multiply a decimal by a power of ten
- ☐ J.1 Divide by powers of ten
- ☐ G.5 Convert decimals between standard and expanded form
- ☐ G.10 Compare decimal numbers

- ☐ G.7 Round decimals
- ☐ C.13 Multiply 2-digit numbers by 2-digit numbers
- ☐ C.19 Multiply three numbers up to 3 digits each
- ☐ D.8 Divide numbers ending in zeroes: word problems
- ☐ D.11 Divide 2-digit and 3-digit numbers by 2-digit numbers

- ☐ H.3 Add and subtract decimal numbers
- ☐ I.3 Multiply a decimal by a one-digit whole number
- ☐ I.8 Multiply two decimals: products up to hundredths
- ☐ J.3 Division with decimal quotients
- ☐ S.2 Add and subtract money: word problems
- ☐ S.3 Multiply money amounts: word problems
- ☐ L.8 Add fractions with unlike denominators
- ☐ L.10 Subtract fractions with unlike denominators
- ☐ L.20 Add and subtract mixed numbers: word problems
- ☐ M.20 Multiply two fractions
- ☐ M.34 Multiply two mixed numbers
- ☐ N.1 Divide unit fractions by whole numbers
- ☐ Z.2 Compare and convert customary units of length
- ☐ Z.14 Compare and convert metric units of weight
- ☐ Z.16 Compare and convert metric units
- ☐ EE.15 Volume of cubes and rectangular prisms
- ☐ U.2 Graph points on a coordinate plane
- ☐ BB.5 Parallel sides in quadrilaterals
- ☐ BB.10 Classify quadrilaterals
- ☐ BB.1 Acute, obtuse, and right triangles
- ☐ BB.2 Scalene, isosceles, and equilateral triangles
