



Students Entering Grade 8 Advanced Math Summer Assignment

This assignment is to be completed no later than Friday, September 2, 2022. Late work **will not be accepted**. This assignment will be graded and counted as a quiz in the first marking period.

Students will log on to <https://www.ixl.com/> using their assigned username and password. For full credit, students must complete all of the assigned objectives with 100%. It is recommended that students complete 4 skills in June, 8 skills in July, and 8 skills in August.

All students re-registering, regardless of the date of registration, will be responsible for completing this Summer Math Assignment on time. If the objective is one that was previously assigned, and the student already earned a 100, they must continue working on that skill for a minimum of 20 minutes and still maintain a score of 100.

If any objectives change during the summer, please refer to the NAME of the objective rather than the number. The link will direct you to the correct objective, even if the number changes.

Name: _____

IXL Skill Assignments
Summer Review for Students Entering 8th Grade Advanced Math

IXL Skill	Smart Score	Date Completed
Grade 7.A.2 Prime factorization		
Grade 7.C.12 Add and subtract integers		
Grade 7.C.22 Multiply and divide integers		
Grade 7.G.16 Add, subtract, multiply, and divide fractions and mixed numbers: word problems		
Grade 7.I.7 Evaluate numerical expressions involving exponents		
Grade 7.J.8 Compare rates: word problems		
Grade 7.L.2 Convert between percents, fractions, and decimals		
Grade 7.M.6 Percent of a number: tax, discount, and more		
Grade 7.P.1 Coordinate plane review		
Grade 7.W.16 Identify complementary, supplementary, vertical, and adjacent angles		
Grade 8.AA.1 Find the slope of a graph		
Grade 8.Y.8 Solve two-step equations		
Grade 8.Y.12 Solve equations with variables on both sides		
Grade 8.Y.14 Solve equations with the distributive property		
Grade 8.Z.7 Graph solutions to two-step inequalities		
Grade 8.Z.8 Solve multi-step inequalities		
Grade 8.FF.1 Calculate mean, median, mode, and range		
Grade 8.EE.11 Interpret histograms		
Grade 8.GG.1 Probability of simple events		
Grade 3, T.3 Read clocks and write times		

Parent Signature: _____