

Dear Rising Accelerated Algebra I students and parents,

The math summer work for this year will be done on IXL using the app or the website www.ixl.com. The student username is first initial last name (all lower case) @charlestoday. The password is the student's "P" number that they use to check out books.

I have chosen 20 objectives, some from 7th grade and some from 8th grade. These are all skills that each student must have mastered before entering Accelerated Algebra I. To complete an objective, a student must achieve a Smart Score of 90. Some may take 10 minutes or less to complete, while others may take 30 minutes or more.

Students should expect to use paper and pencil while working on the objectives. Working slowly and carefully is the quickest way to master an objective. Rushing and making careless errors actually makes the process take longer.

If a student is struggling to complete an objective, they should seek help from an adult. Missing many problems in a row just makes it harder to reach a 90 Smart Score. IXL explains to a student what they did wrong each time they miss a problem. Students can also use www.khanacademy.com for explanations of skills. If a student does not know how to complete these skills, then they are not ready for Accelerated Algebra I. Further tutoring may be necessary.

IXL Math Objectives for Rising Accelerated Algebra 1 Students:

From 7th Grade Math Menu:

1. C.9 Evaluating with integers
2. E.8 All operations with decimals word problems
3. E.11 Evaluate **with decimals**
4. G.16 Add/Subtractions word problems with fractions
5. G.18 Evaluating with fractions
6. H.6 Add/Subtract rational numbers
7. **H.15 Multiplying and dividing with rational numbers**
8. I.9 Evaluating expressions with exponents
9. L.11 Percent word problems
10. L.2 Convert between percents, fractions, and decimals

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From 8th Grade Math Menu:

11. Y.2 Finding slope from 2 points
12. Y.13 Slope of parallel and perpendicular lines
- 13. Y.7 Write a linear equation**
14. X.8 Solve multi-step inequalities
15. W.11 Solve equations
16. BB.4 Adding/Subtracting polynomials
17. BB.8 Multiplying and Dividing monomials
18. BB.9 Powers of monomials
- 19. V.16 Add/Subtract/Multiply linear expressions**
- 20. V.8 Evaluate radical expressions**

According to the CDS handbook, students will face academic and disciplinary consequences if the work is incomplete. By completing this summer assignment, your student demonstrates his/her responsibility for being prepared for Accelerated Algebra 1.

Thank you!