

Dear rising 7th grade 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) @charlestonday. The password is cdscds.

We have chosen 20 objectives from the 6th grade math section. These are all skills that each student must have mastered before entering pre-algebra. 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 Pre-Algebra. Further tutoring may be necessary.

The following are the math summer objectives from the 6th grade section of IXL:

1. C.5 division with whole numbers
2. E.11 GCF, LCM word problems
3. F3 decimals to words
4. G.1 add/subtract decimals
5. J.3 add/subtract fractions
6. K.6 multiply fractions
7. L.5 divide fractions
8. N.6 integer tables
9. N.9 multiply integers
10. O.3 evaluate numerical expressions
11. O.10 integers operations
12. R.13 proportions
13. S.2 percents, fractions, decimals
14. X.1 objects on coordinate plane
15. Y.11 distributive property
16. Z.6 one-step equations
17. AA.2 graph inequalities

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18. AA4 one-step inequalities

19. CC9 angles in triangles

20. FF10 perimeter and area

According the CDS handbook, students will face academic and disciplinary consequences if the work is incomplete. By completing this summer assignment, you demonstrate your responsibility for being prepared for pre-algebra.

Thank you,

Debbie Held
Laurin Shealy