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 the student's "P" number that they use to check out books.

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 summer assignments for rising pre-algebra students:

1. G.1 Adding/Subtracting with decimals
2. H.2 Multiplying with decimals
3. H.7 Dividing with decimals
4. J.6 Add/Subtracting with mixed numbers
5. **K.13 Multiplying mixed numbers**
6. L.7 Dividing with fractions and mixed numbers
7. O.4 All operations with decimals
8. O.7 All operations with fractions
9. O.10 All operations with integers
10. **E.11 GCF and LCM word problems**
11. Z.6 Solving one step equations with whole numbers
12. **R.13 Solving proportions**
13. S.2 Converting percents, decimals, and fractions
14. AA.2 Graphing Inequalities
15. AA.4 Solving one-step inequalities
16. O.3 Evaluating numerical expressions
17. **Y.11 Multiplying using the distributive property**

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18. X.2 Graphing points on the coordinate plane

19. FF.1 Perimeter

20. FF.10 Comparing area and perimeter of 2 figures

According 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 pre-algebra.

Thank you!