



# Charleston Day School

## Summer Math 2026 Rising 7th Grade (Accelerated)

The math summer work for this year will be done on IXL using the app or the website [www.ixl.com](http://www.ixl.com). The student username is first initial last name (all lower case) @charlestownday. For most students, their password is the “p” number that they use to check out books. For help with passwords, please e-mail [laurin.shealy@charlestownday.org](mailto:laurin.shealy@charlestownday.org).

We have chosen 20 objectives, some from the 6th grade section. These are all skills that each student must have mastered before entering 7<sup>th</sup>-grade math. 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 most of 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](http://www.khanacademy.com) for explanations of skills.

According to the CDS handbook, students will face academic and disciplinary consequences if the work is incomplete. By completing this assignment, you show responsibility for being prepared for eighth grade.

Thank you,

The CDS Math Team

## Rising 7th Grade (Accelerated Pre-Algebra)

<u>Title</u>	<u>Shortcut Search</u>
GCF	AMB
LCM	NGA
round decimals	XJX
multiply/divide decimals by powers of 10	KNH
improper fractions/mixed numbers	P9A
add 3 or more integers	F2N
solve expressions with whole numbers	MLU
add/subtract/multiply/divide decimals	P6W
add/subtract/multiply/divide fractions	2VR
add/subtract/multiply/divide integers	VMW
evaluate expressions with integers	K6R
solve the proportion	7H5
percents, fractions, decimals	ZAV
evaluate variable expressions	49T
solve one-step equations	WLR
one-step +- equations (fractions/decimals)	5D2
one-step x/ equations (fractions/decimals)	T53
one-step equations (integers)	7JV
perimeter	SEM
area of rectangles and squares	BE9