



Charleston Day School

Summer Math 2026 Rising 7th Grade (Regular)

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) @charlestownday. For most students, their password is cdsdscds. For questions about usernames and passwords, please contact Laurin Shealy at laurin.shealy@charlestownday.org.

We have chosen 20 objectives from the 6th-grade math section. These are all skills that each student must have mastered before entering 7th-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 for explanations of skills.

Thank you,

The CDS Math Team

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<u>Title</u>	<u>Shortcut Search</u>
Round decimals	XJX
Add/subtract decimals	79J
Multiply decimals	2WT
Fractions in lowest terms	5EW
Improper fractions/mixed numbers	P9A
Add/subtract unlike denominators	AWS
Multiply 2 fractions	BNT
Add 3 or more integers	F2N
Multiply integers	J6V
+ \cdot -x/ whole numbers	R99
Solve expressions with whole numbers	MLU
Add/subtract/multiply/divide fractions	2VR
+ \cdot -x/ integers	VMW
Solve the proportion	7H5
Percents, fractions, decimals	ZAV
Which x satisfies an equation	VG8
Solve one-step equations	WLR
Missing angles in triangles	TFG
Classify triangles	XM6
Area of rectangles/squares	BE9