



Charleston Day School

Summer Math 2026

Rising 6th Grade

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) @charlestanday. For most students, the password is cdsxcdscds. For questions about usernames and passwords, please contact Laurin Shealy at laurin.shealy@charlestanday.org.

We have chosen 20 objectives from the 5th-grade math section. These are all skills that each student must have mastered before entering 6th-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 20 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>
Rounding	PVU
Multiplication input/output tables	STJ
Division facts to 12	ZWQ
Multiply 2-digit by 3-digit	JHB
Long division	XHZ
Identify factors	G9A
Round decimals	MPB
Put decimal numbers in order	YUX
Fractions to decimals	6QG
Decimals to fractions	MN5
Add fractions unlike denominators	D9N
Multiply two fractions	8KV
Fractions in lowest terms	A76
Numerical expressions with parentheses	HGW
Add/subtract decimals	7VJ
Convert fractions, decimals, percents	2VM
Graph points on a coordinate plane	AST
Classify triangles	C64
Classify quadrilaterals	6ZQ
Perimeter with whole numbers	UJ2