

Dear Rising 5th 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) @charlestownday. If students need help with passwords, please reach out to Mrs. Shealy at laurin.shealy@charlestownday.org.

We have chosen 28 objectives from the 4th-grade math section. These are all skills that each student must have mastered before entering 5th-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 make 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.

<u>Title</u>	<u>Shortcut Search</u>
Value of a digit	WLP
Writing numbers up to one billion: convert words to digits	RWK
Rounding: up to hundred thousands place	QV7
Compare numbers up to one hundred thousand	DP2
Add 3 or more numbers up to millions	ZMC
Subtract numbers up to seven digits	VPX
Multiplication facts to 10	UHZ
Multiplication facts to 12	FW9
Multiply 1-digit numbers by larger numbers	QAN
Multiply a 2-digit number by a 2-digit number	MLC
Multiply a 2-digit number by a larger number	U2S
Division facts to 10	YFU
Division facts to 12	R95
Divide 2-digit numbers by 1-digit numbers	4T7
Divide larger numbers by 1-digit numbers	GE8
Add, subtract, multiply, and divide	CNC
Fractions review	YPL
Identify equivalent fractions	GSG
Write fractions in lowest terms	3R5
Compare fractions	99U
Convert between improper fractions and mixed numbers	JFE
Add and subtract fractions with like denominators	FXD
What decimal number is illustrated?	B7E
Compare decimal numbers	DY5
Add and subtract decimals	9SL
Acute, obtuse, and right triangles	7QK
Scalene, isosceles, and equilateral triangles	5UV
Find the perimeter of rectangles using formulas	KGJ

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 fifth grade.

Thank you,
Callie Zhao

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