

Dear rising 6th 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. For most students, their password is the “p” number that they use to check out books.

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 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.

Sometimes IXL updates the site during the summer. This can cause the objective numbers and titles to shift. If an objective number (in front) no longer lines up with its title, use the shortcut search, as that number never changes. Also, the title is more important than the objective number in front.

<u>5th Grade Objective</u>	<u>Title</u>	<u>Shortcut Search</u>
A.8	rounding	PVU
C.23	multiplication input/output tables	STJ
D.1	division facts to 12	ZWQ
F.3	prime factorization	YL2
G.9	round decimals	MPB
G.14	put decimal numbers in order	YUX
G.16	fractions to decimals	6QG
G.18	decimals to fractions	MN5
L.8	add fractions unlike denominators	D9N
M.21	multiply two fractions	8KV
O.1	+ - x ÷ whole numbers	WEX
O.6	numerical expressions with parentheses	HGW
O.11	+ - x ÷ decimals	NZG
Q.2	convert fractions, decimals, percents	2VM
T.3	graph points on a coordinate plane	AST
AA.3	classify triangles	C64
AA.9	classify quadrilaterals	6ZQ
DD.1	perimeter with whole numbers	UJ2
DD.5	area of squares and rectangles	E6B
DD.7	area of triangles	QJT

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 sixth grade.

Thank you,
Frances Murray

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