

Dear Rising 8<sup>th</sup>Grade **Regular Algebra I** Students and Parents,

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. The password for most of the students is the “p” number they use to check out books.

I have chosen 20 objectives from 7<sup>th</sup> grade. These are all skills that each student must have mastered before entering Algebra I. 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 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. 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. If a student does not know how to complete these skills, then they are not ready for Algebra I. Further tutoring may be necessary.

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 number, as that number never changes. Also, the title is more important than the objective number in front.

<u>7<sup>th</sup> Grade Objective</u>	<u>Title</u>	<u>Shortcut Search</u>
A.1	prime or composite	P8U
B.7	integer inequalities with absolute value	BTT
C.5	add 3 or more integers	PBC
C.17	multiply integers	DQT
C.25	evaluate expressions involving integers	7YN
D.1	decimal numbers review	27R
D.4	round decimals	R5J
F.2	equivalent fractions	KDL
F.3	fractions in lowest terms	TZ6
G.2	add and subtract fractions word problems	ENL
G.9	multiply fractions	PDK
H.1	convert fractions to decimals	M2D
H.2	convert decimals to fractions	HZD
I.7	expressions involving exponents	D7P
R.4	evaluate linear expressions	UG6
S.7	2-step equations (Work slowly on paper.)	QEB
T.5	graph inequalities	TFK
U.5	complete a table	2LU
Y.1	perimeter	7GQ
Y.2	area of rectangles/quadrilaterals	62H

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 Algebra I.

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