

Dear Rising 7<sup>th</sup> 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](http://www.ixl.com). The student username is first initial last name (all lower case) @charlestownday. The password is their “p” number.

We have chosen 20 objectives from the 6<sup>th</sup> grade math section. These are all skills that each student must have mastered before entering Pre-algebra. 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 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](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 Pre-algebra. 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, as that number never changes. Also, the title is more important than the number in front.

<u>6<sup>th</sup> Grade Objective</u>	<u>Title</u>	<u>Shortcut Search</u>
E.8	GCF	AMB
E.10	LCM	NGA
F.3	word names for decimals	NF9
G.1	add/subtract decimals	79J
J.3	add/subtract unlike denominators	AWS
K.6	multiply two fractions	BNT
L.5	divide fractions	DS2
N.10	add 3 or more integers	F2N
N.13	multiply integers	J6V
O.4	solve expressions with whole numbers	MLU
O.12	+ - x ÷ integers	VMW
R.17	solve the proportion	7H5
S.4	percents, fractions, decimals	ZAV
X.1	objects on coordinate plane	GFN
Y.14	multiply using the distributive property	2HH
Z.2	which x satisfies an equation	VG8
AA.2	graph inequalities on number lines	CXX
AA.5	solve one-step inequalities	KRH
CC.9	missing angles in triangles	TFG
FF.16	perimeter and area of two figures	B9Q

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 Pre-algebra.

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