

Dear Rising 7th grade Students and Parents, (Accelerated Pre-Algebra)

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) @charlestonday. For most students, their password is the "p" number that they use to check out books.

We have chosen 20 objectives from the 6th grade math section. These are all skills that each student must have mastered before entering 7th 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.

6th Grade Objective	Title	Shortcut Search
E.8	GCF	AMB
E.10	LCM	NGA
F.6	round decimals	XJX
H.7	multiply/divide decimals by powers of 10	KNH
I.8	improper fractions/mixed numbers	P9A
N.10	add 3 or more integers	F2N
O.4	solve expressions with whole numbers	MLU
O.6	add/subtract/multiply/divide decimals	P6W
O.9	add/subtract/multiply/divide fractions	2VR
O.12	add/subtract/multiply/divide integers	VMW
O.13	evaluate expressions with integers	K6R
R.17	solve the proportion	7H5
S.4	percents, fractions, decimals	ZAV
Y.6	evaluate variable expressions	49T
Z.10	solve one-step equations	WLR
Z.11	one-step +- equations (fractions/decimals)	5D2
Z.12	one-step x/ equations (fractions/decimals)	T53
Z.18	one-step equations (integers)	7JV
FF.1	perimeter	SEM
FF.2	area of rectangles and squares	BE9

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 seventh grade.

Thank you,
Frances Murray (frances.murray@charlestonday.org)