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) @charlestonday. For most students, their password is the "p" number that they use to check out books. If students need help with passwords, please reach out to Mrs. Shearly at Laurin.Shealy@charlestonday.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 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.

4th Grade Objective	Title	Shortcut Search
A.3	Value of a digit	WLP
A.14	Writing numbers up to one billion in words: convert words to digits	RWK
A.20	Rounding: up to hundred thousands place	QV7
A.25	Compare numbers up to one hundred thousand	DP2
B.7	Add 3 or more numbers up to millions	ZMC
C.3	Subtract numbers up to seven digits	VPX
D.1	Multiplication facts to 10	UHZ
D.4	Multiplication facts to 12	FW9
D.25	Multiply 1-digit numbers by larger numbers	QAN
D.42	Multiply a 2-digit number by a 2-digit number	MLC
D. 46	Multiply a 2-digit number by a larger number	U2S
E.1	Division facts to 10	YFU
E.3	Division facts to 12	R95
E.11	Divide 2-digit numbers by 1-digit numbers	4T7
E.17	Divide larger numbers by 1-digit numbers	GE8
F. 1	Add, subtract, multiply, and divide	CNC
O.1	Fractions review	YPL
O.8	Identify equivalent fractions	GSG
O.13	Write fractions in lowest terms	3R5
O.21	Compare fractions	99U
O.28	Convert between improper fractions and mixed numbers	JFE
P.14	Add and subtract fractions with like denominators	FXD
S.1	What decimal number is illustrated?	B7E
S.18	Compare decimal numbers	DY5
T.4	Add and subtract decimals	9SL

W.1	Acute, obtuse, and right triangles	7QK
W.2	Scalene, isosceles, and equilateral triangles	5UV
AA.1	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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