

Summer Math Assignment Incoming Advanced 7th Grade

Dear Parents of OLA Middle School Students,

We will continue to use the interactive math program, IXL, for summer math work. Since the summer learning loss is still something we are concerned with, but acknowledging that the students need a break from screens, I will be assigning the most relevant skills to ensure success next year. These are skills that the kids have already learned over the course of the school year. Over the summer, students are expected to work for **5 hours or reach 90% on each of these skills**, whichever comes first. When we return in the fall, after a brief review period, the kids will be quizzed on their ability with these skills.

The summer assignment will be graded based on 90% completion of the suggested skills or the amount of time spent actively working on IXL and it will be weighted as $\frac{1}{2}$ of a test -- 50 points. Thus, each $\frac{1}{2}$ hour fully completed is worth 5 points.

Our hope is that the review will take place over the entire summer rather than during the last few days before we return to school. Ideally, your child will be working on IXL a couple of times a week over the course of ten weeks. **All work should be completed between June 16th and August 31st. Work completed after this deadline, although great, WILL NOT be counted towards your grade.**

If you have any questions, please feel free to contact me:

Patricia.fothergill@ourladyacademy.org

Thank you for your support!

Patty Fothergill

Dear Students,

This summer for math practice I have listed the most important skills you need to start **Advanced 7th Grade Math**. These are some of the most important topics we covered this school year.

You need to reach 90% on each of these skills OR spend five hours in total practicing – whichever comes first! This work will represent 50 points, half of a test grade. When you return in the fall, after a brief review of these skills, you will take a quiz on the material I listed. This September quiz will be worth 50 points, the other half of your test grade!

If you encounter an assigned skill that you don't remember how to do, use the problem solving techniques you learned in fifth grade: go back to your notes, on IXL choose "Learn by Example," or "Not Feeling Ready – Try these Skills First", ask a friend, or view tutorials on the topic at Khan Academy, Math Antics or Math is Fun.

If you complete the material in your grade level rather quickly and you want to keep working please either master all the skills or challenge yourself by finding the corresponding skill in the next grade level and attempt those problems!

If you have any questions, email me! My email is:

patricia.fothergill@ourladyacademy.org I will answer within a day or two.

Have a great summer!

Mrs. Fothergill

Below are the skills you should be working on this summer. All work is in the **7th** Grade tab. IXL often changes their Skill numbering during the summer, so instead of using A2 for example, I have used the permanent skill ID you should search to work on the skill. This skill ID never changes.

FNS	Add and subtract integers
R8D	Multiply and divide integers
BP2	Add and subtract decimals
TCU	Multiply decimals
6HB	Divide decimals
9BE	Add and subtract mixed numbers
JNY	Multiply mixed numbers
X7A	Divide fractions
FNM	Evaluate numerical expressions involving decimals
ZDS	Evaluate exponents
WFW	Exponents with negative bases
ZFM	Identify equivalent ratios
2NB	Unit rates
MJQ	Do the ratios form a proportion?
TDA	Solve proportions
2HW	Convert between percents, fractions, and decimals
BL7	Percent of change
Y5R	Estimate tips
WKM	Solve one-step equations
8BA	Solutions to inequalities
JNL	Write inequalities from number lines
QWH	Solve one-step inequalities
TFK	Graph solutions to one-step inequalities
2UG	Name, measure, and classify angles
CXP	Find missing angles in quadrilaterals
JPE	Lines, line segments, and rays
7GQ	Perimeter
62H	Area of rectangles and parallelograms
ENE	Area of triangles and trapezoids
P56	Circles: word problems