

## IXL Summer Work – Incoming 8<sup>th</sup> grade (Geometry) 2018-2019 School Year

Go to either the IXL app on an iPad, or IXL.com on a desktop computer.

Log in using your Username and Password – you must be logged in so we can see your progress or it will not count.

Choose the following skills and complete **20 CORRECT** questions beginning May 25<sup>th</sup>, 2018 through August 15<sup>th</sup>, 2018.

Next to each topic below, choose the IXL (letter.number). **All of the IXLs below are in the Algebra 1 section.**

If you have forgotten how to do something, miss a problem, then read the steps given on IXL explaining how to solve the problem correctly before you hit 'Got It'. If you still have problems, please go to Khanacademy.org or Google the concept and watch a video showing you how to complete the assigned IXL.

The below assignments are due the first day of school for a grade (50 points)

You may do any additional topics on IXL that you choose, but you must complete the following:

Operations: B.6 Evaluate numerical expressions involving rational numbers

Ratios, rates, and proportions: C.6 Solve proportions: word problems

Percents: D.8 Multi-step problems with percents

Geometry: F.10 Area between two shapes

Solve Equations: J.11 Solve linear equations: mixed review

Linear functions: S.8 Slope-intercept form: write an equation

Systems of linear equations: U.14 Solve a system of equations using any method

Exponents: V.6 Multiplication and division with exponents

Factoring: AA.4 Factor quadratics with leading coefficient 1

Rational functions and expressions: GG.3Simplify rational expressions

If you have question, please contact Lynn Frank ([lfrank@mq.cdlex.org](mailto:lfrank@mq.cdlex.org)).