

2017-2018 Incoming 8<sup>th</sup> Grade Pre-Algebra Summer Math Work

Go to [www.ixl.com](http://www.ixl.com) and sign into your account. Click on the **7<sup>th</sup> Grade** tab on the left side of the screen.

Below are the skills that you need to complete until you have a **SmartScore of 100 by Tuesday, August 8 at 11:59 p.m.:**

- A.7 GCF and LCM: word problems
- C.3 Add and subtract integers
- C.7 Multiply and divide integers
- D.4 Round decimals
- E.1 Add and subtract decimals
- E.3 Multiply decimals
- E.5 Divide decimals
- G.1 Add and subtract fractions
- G.3 Add and subtract mixed numbers
- G.9 Multiply fractions
- G.12 Divide fractions
- J.10 Solve proportions
- L.2 Convert between percents, fractions, and decimals
- M.6 Percent of a number: tax, discount, and more
- P.1 Coordinate plane review
- R.13 Add, subtract, and multiply linear expressions
- S.6 Solve two-step equations
- V.2 Find the slope from two points
- W.2 Name, measure, and classify angles
- W.12 Find measures of complementary, supplementary, vertical, and adjacent angles
- W.13 Transversal of parallel lines
- AA.5 Circles: calculate area, circumference, radius, and diameter
- CC.1 Calculate mean, median, mode, and range

If you have any questions about your IXL account or the required summer math work, please contact Ms. Bowers at [sarah.bowers@ic.cdom.org](mailto:sarah.bowers@ic.cdom.org).