

2019 Summer Math Practice—IXL

For Students entering 8<sup>th</sup> Grade

This summer, rising 8<sup>th</sup> grade students should do **30 minutes of IXL practice each week**. The topics will be found under the title "***Seventh Grade Math***", and they are:

- Number Theory: A3, A8, A9, A10
- Operations with Integers: C1, C3, C4, C6, C7, C8, C9
- Decimals: D2, D4
- Operations With Decimals: E1, E3, E5, E9, E11
- Fractions and Mixed Numbers: F2, F3, F5, F6, F9
- Operations With Fractions: G1, G3, G7, G9, G10, G12, G13, G18
- Rational Numbers: H2, H3, H4, H5, H6, H8
- Exponents/Square Roots: I2, I4, I5, I6, I7, I8, I9, I10
- Ratios, Rates and Proportions: J2, J5, J8, J10
- Percents: L2, L3, L4, L5, L7, L9
- Coordinate Plane Review: P1, P2, P3
- Number Sequences: Q1, Q2, Q3, Q4
- Expressions/Properties: R1, R2, R3, R4, R5, R6, R7, R9, R10, R11, R13, R14, R16
- One Variable Equations: S1, S2, S5, S6, S8
- One Variable Inequalities: T1, T2, T3, T4, T5, T6, T7
- Two Variable Equations: U1, U3, U8
- Linear Functions: V1, V2, V4, V6
- Two Dimensional Figures: W1, W2, W3, W5, W7, W9, W10, W11, W12, W13
- Transformations and Congruences: X2, X10, X11, X12
- Pythagorean Theorem: Y1, Y2, Y4
- Geometric Measurement: AA1, AA2, AA4
- Statistics: CC1

You are to select as many of these topics as possible, and practice them. Remember, the purpose of this assignment is to keep these skills fresh, so that you will be ready for Algebra 1 in the fall.

**YOU MUST LOG IN WITH YOUR PERSONAL IXL PASSWORD! NO "GUEST" LOGINS!! THIS IS THE ONLY WAY YOU WILL GET CREDIT FOR YOUR EFFORTS.**

**IF YOU HAVE TROUBLE AT ANY TIME, SEND AN EMAIL TO MR. MILLER. Remember--use your SCHOOL EMAIL address.**

**SEE NEXT PAGE FOR HOW THIS SUMMER ASSIGNMENT WILL BE USED NEXT YEAR!**

When you return, you will receive a sheet of paper from me with this table on it, which will evaluate your efforts. It will be the first Powerschool grade for Trimester 1.

*Score Sheet---Summer IXL Practice*

<b><i>Week Ending</i></b>	<b><i>Topics Covered</i></b>	<b><i>Number of Minutes</i></b>	<b><i>Points Earned</i></b>
<i>June 23</i>			
<i>June 30</i>			
<i>July 7</i>			
<i>July 14</i>			
<i>July 21</i>			
<i>July 28</i>			
<i>August 4</i>			
<i>August 11</i>			
<i>August 18</i>			
<i>August 25</i>			
<i>September 1</i>			

You will receive 2 points for every 30 minutes of practice (22 points maximum), and ½ point EXTRA CREDIT for each week that you practice in. (5.5 points maximum)

**Example 1:** Sharon practiced IXL for 20 minutes each week for 7 weeks, for a total of 140 minutes. She has a grade of 8 points (2 points times 4 30 minute periods), plus 3.5 points (7 times .5 points) extra credit, for a total of 11.5 points out of 22.

**Example 2:** Charlie practiced IXL for 30 minutes each week for 9 weeks, and 60 minutes in the last week of the summer, for a total of 330 minutes. He has a grade of 22 points (2 points times 11 30 minute periods), plus 5.0 points (10 times .5 points) extra credit, for a total of 27 points out of 22.

**Example 3:** Stephanie practiced IXL for 300 minutes in one week. She has a grade of 20 points (2 points times 10 30 minute periods), plus .5 points (1 times .5 points) extra credit, for a total of 20.5 points out of 22.