Pre-Algebra 7 Summer Assignment

May 2019

Dear 2019-2020 Pre-Algebra 7 Student,

IF YOU ARE NEW TO SDS: You should receive your username and password information from IXL via email.   Make sure you write them down somewhere!

To get started on IXL, follow these steps:

1. Go to https://www.IXL.com
2. Enter your username and password and click the right arrow button to sign in.
3. Click on *Math* or *Learning* at the top of the page and navigate to the class (*Sixth grade*).   Then, click on *See all 321 skills.*
4. Find a specific skill to practice by selecting the skill from the bulleted list below.   You can place your mouse over any skill to see a sample question and then click on the link to begin.   As you know, IXL is designed to help you learn at your own pace.   The website is adaptive and adjusts to your demonstrated ability level.   It also saves all of your results so you can monitor your progress anytime by clicking on *Reports* at the top of the page.   In addition, we use the IXL website as a supplement to our coursework throughout the school year.

ALL STUDENTS:
This summer, your assignment is to attain a SmartScore of at least 85 for each assigned module.   See below for the assigned modules.   Grades will be awarded based upon your SmartScore *in each module*.   Each 85-or-more SmartScore will be counted as 100% completion.

The purpose of these summer problems is to help you retain the mathematical concepts and procedures that you have learned in previous classes.   Therefore, if you feel that you need more practice in a particular module, I encourage you to work towards a SmartScore of 100.   You may also explore unassigned topics if you choose.   The summer assignment will be counted as a **quiz score** towards your first quarter average.   I'm looking forward to having you in the pre-algebra class next year!

Ms. V.

Assignment

Earn a SmartScore of at least 85 from each bullet point by **August 21** (the first day of school).

IMPORTANT: If you have done any of the following topics before, you only need to click on each of those topics and do at least one problem in order for IXL to record that you've done them in the time period (from when you receive this to August 21, 2019, your first day back) that Ms V will be checking for your quiz score. In this way, you won't have to do the topics again, but they will still be included in your assessment.

Under "Sixth grade"

- C.1: Divisibility rules
- D.1: Write multiplication expressions using exponents
- D.3: Find the missing exponent or base
- D.10: Square roots of perfect squares
- E.5: Prime factorization
- E.7: Greatest common factor
- E.8: Least common multiple
- O.3: Evaluate numerical expressions involving whole numbers
- O.6: Evaluate numerical expressions involving decimals
- O.9: Evaluate numerical expressions involving fractions
- O.11: Evaluate numerical expressions involving integers
- R.11: Solve the proportion
- S.2: Convert between percents, fractions, and decimals
- S.5: Percents of numbers and money amounts
- T.3: Convert and compare customary units
- T.7: Convert and compare metric units
- V.1: Which is the better coupon?
- X.2: Graph points on a coordinate plane
- Y.1: Write variable expressions
- Y.10: Multiply using the distributive property
- Z.6: Solve one-step equations with whole numbers
- AA.3: Write inequalities from number lines
- FF.1: Perimeter
- FF.5: Area of quadrilaterals
- FF.11: Circles: calculate area, circumference, radius, and diameter

PLEASE NOTE

Sometimes over the summer, IXL updates its website. This means that the topic identification code (for example, the **FF.1** currently associated with the topic "Perimeter") might change. If this happens, you are responsible for finding the same topic by its name (**Perimeter**) rather than by its ID code. If you are not sure, communicate with some of your buddies to confirm the new number.

IF YOU HAVE ANY OPERATIONAL (NOT MATH) ISSUES WITH IXL OVER THE SUMMER, PLEASE EMAIL MS AIKEN: donlyn.aiken@sdgriffin.org