

IXL Summer Assignment - Students Entering the 7th Grade

Complete each IXL topic on the **Seventh Grade Math Level** and with a smart score of 100% to receive credit. The IXL assignment is worth 50 points and is due on **Friday, September 8, 2017** at 7 am. A zero will be issued if the assignment is not completed by the due date. Please plan accordingly as you have the entire summer to work on this assignment.

The topics are as follows: ** If IXL changes the topic codes over the summer – please go by topic name

Operations with Integers

- C.1 Integer addition and subtraction rules
- C.3 Add and subtract integers
- C.4 Complete addition and subtraction equations with integers

Decimals

- D.1 Decimal number review
- D.2 Compare and order decimals
- D.3 Decimal number lines
- D.4 Round decimals

Operations with Decimals

- E.1 Add and subtract decimals
- E.3 Multiply decimals
- E.5 Divide decimals

Fractions and Mixed Numbers

- F.5 Least common denominator
- F.8 Convert between mixed numbers and improper fractions

Operations with Fractions

- G.1 Add and subtract fractions
- G.9 Multiply fractions
- G.12 Divide fractions

Exponents and Square roots

- I.1 Understand exponents
- I.2 Evaluate exponents

Ratios and Proportions

- J.1 Understanding ratios
- J.2 Identify equivalent ratios
- J.5 Unit rates

Expressions and Properties

- R.1 Write variable expressions
- R.3 Evaluate Linear expressions
- R.10 Multiply using the distributive property

One Variable Equations

- S.5 Solve one-step equations
- S.6 Solve two-step equations

Linear Functions

- V.5 Graph a line using slope

Data and Graphs

- BB.6 Interpret bar graphs

Are You Ready? Worksheet

Complete the following Are You Ready Worksheet. This assignment will be worth 50 points and will be collected on **Thursday, September 7, 2017**. A zero will be issued if the assignment is not completed by the due date. Please plan accordingly as you have the entire summer to work on this assignment.

All work must be written out neatly and shown on loose leaf paper or no credit will be given for that math question. All answers should be written on the answer sheet and please use the graphs provided to answer questions 47 and 48. Staple all the paper work together (answer sheet, the Are You Ready worksheet, and the loose leaf paper with all math work) with the answer sheet on top.