



Welcome to the 7th Grade Math-

Where all your problems are solved!

Solve this (your child did today)...

$$\frac{1}{4} [(-11)^2 - 1] + 4.09 - |-31.6|$$



Welcome to the 7th Grade Math-

Where all your problems are solved!

Solve this (your child did)...

$$\frac{1}{2} + \frac{2}{4} + \frac{3}{6} + \frac{4}{8} + \frac{5}{10} + \frac{6}{12} + 3$$

Class Expectations...

- Be here everyday
- Be on time
- Be responsible
- Be prepared
- Participate and show effort
- Ask questions and contribute
- Know your multiplication facts 1-12
- Make mistakes!!

This Year is New Material so it is very important that your child is doing their homework/classwork.



canvas

**One stop shop for
homework and notes.**



In 7th grade Math We...

- **Perform operations with positive and negative rational numbers.**
 - This involves a combination of adding, subtracting, multiplying, and dividing positive and negative whole numbers, fractions, decimals, etc....

The Number System



In 7th grade Math We...

- **Write and solve multi-step equations, sometimes with variables on both sides!**
 - **Use variables to represent real-world scenarios to write and solve equations.**
 - **Simplifying expressions with rational numbers**
 - **Solve and graph inequalities**

Equations and Expressions



In 7th grade Math We...

- **Recognize and represent proportional relationships between quantities.**
 - **Percent Problems (tax, tip, discount, markups, simple interest, etc...)**
 - **Scale factors**
 - **Scale drawings**

Ratios and Proportions



In 7th grade Math We...

- Use formulas to calculate area, volume, surface area.
- Use facts about angles and their relationships to solve for variables in equations.

Geometry

In 7th grade Math We...

- **Use mean absolute deviation**
- **Compare measures of central tendency and variation.**
- **Create and compare box-and-whisker plots**
- **Find the probability of an event, including compound events**

Statistics and Probability

How the EOGs are Weighted...

Table 2: Weight Distributions for Grades 6–8

Domain	Grade 7
Ratios and Proportional Relationships	22–27%
The Number System	7–12%
Expressions and Equations	22–27%
Functions	NA
Geometry	22–27%
Statistics and Probability	12–17%
Total	100%



Grades

Formal Grades 65%

(Tests, major quizzes, and projects)-

Informal Grades 35%

(quizzes, mental math,
Flashback Fridays, times tables, and
homework)



Tests...

- **Each test is broken into various sections, for example, Example: computation and word problems.**
- **All students will complete test corrections according to directions given after the first test (no points will be added to their tests for doing test corrections-finding their mistakes is a great learning process).**
- **Quiz grade may not be raised.**

