

Math 7, Unit 1: Number Systems

Our Learning Goals:

We will...

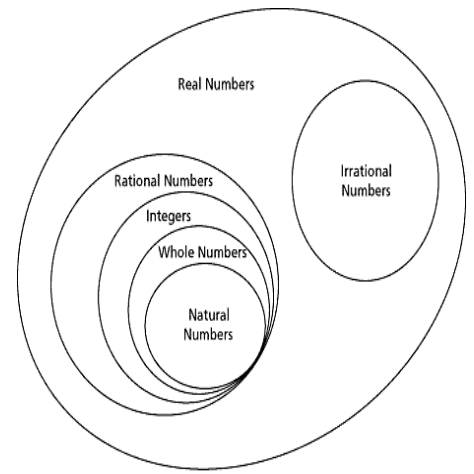
- ✓ Fluently apply mathematical properties to solve real-world problems.
- ✓ Perform mathematical operations on real numbers.
- ✓ Solve problems with solutions that may be positive, negative, or neither (zero).

Why do we study this?

- ❖ As adults, we use all decimals operations when dealing with money.
- ❖ The use of fractions is required when cooking and measuring in our customary system.
- ❖ Positive and negative numbers are used when calculating changes in elevation, recording temperatures, and creating sports statistics.

How we will show what we have learned...

Formative Assessments	Summative Assessments
Ongoing formative assessments during lesson and homework activities will help in monitoring learning and providing feedback for students.	Summative assessments to measure learning at the end of concepts may include the following: <ul style="list-style-type: none"> • Positive Rationals Test • Unit 1 Exam (District-wide)



Sample Problem:

The lowest point on Earth's surface is the shore of the Dead Sea, elevation -1344.99 meters. The highest point, the summit of Mount Everest, is 10,380.42 meters above the Dead Sea. What is the elevation at the summit of Mount Everest?

Additional Support:

- Check your teacher's web page for helpful resources.
- Search the topic on the web. We recommend using Khan Academy. www.emsisd.com/khan
- Attend tutorials.