

# UNIT 1 - LESSON PLANS

**Class** Algebra 1    **Topic** U1 – The Real Number System    **Lesson** 1 **Of** 11

## Objective

Students will:

- Classify the set of real numbers using their properties and characteristics.
- Relate the concept of “opposites” in real-life situations.
- Represent the real-life situations with integers.
- Graph/Plot real numbers on a number line.
- Differentiate positive integers from negative integers.
- Graph/Plot integers on a number line.
- Compare real numbers on a number line.
- Arrange real numbers given a specific order.
- Define absolute value.
- Find the absolute value of real numbers.

## “I Can” Statement

I can classify the set of real numbers using their properties and characteristics.

I can connect the idea of “opposites” to integers and how it is related to real life situations.

I can plot real numbers on a number line and arrange them according to a given order.

I can define and evaluate the absolute value of real numbers.

## Common Core Standards

[CCSS.MATH.CONTENT.8.NS.A.1](#)

Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion which repeats eventually into a rational number.

## Bell Work

See Bell Work 1-1

## Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

## Assessment

Bell Work 1-1  
Assignment 1-1  
Exit Quiz 1-1

**Additional Resources**    See Online Activities

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