

Number and Operations

Goal: The learner will understand and compute with real numbers

Objective:

1.01 Develop number sense for the real numbers.

a) Define and use irrational numbers.

To achieve this objective, students should:

- Classify numbers in the real number system using the labels: Natural Number, Whole Number, Integer, Rational, or Irrational
- Determine whether radical expressions represent rational or irrational numbers
- Understand and know that irrational numbers are numbers that cannot be expressed as the ratio or quotient of two integers.
- Understand that there are numbers that exist that are not classified as real numbers. For example: Numbers divided by zero and square roots of negative numbers.