Definitions

Vocab Time

Comparing Numbers

1. Natural (Counting) Numbers
2. Whole Numbers
3. Integers

4. Rational Numbers
5. Irrational Numbers
6. Real Numbers

1. 1, 2, 3 , 4, 5… (no zero)
2. 0, 1, 2, 3, 4… (including zero)
3. …-3, -2, -1, 0, 1, 2, 3…
   - Whole numbers and their opposites (including zero)
4. A number that can be written as a fraction
5. Numbers that cannot be written as fractions
6. All rational and irrational numbers
   - Numbers that are on the number line

Properties

- Commutative Property

- Associative Property

- Identity Property

- Zero Product Property

- Order can be switched around

- Parentheses (grouping) can be changed
  - The order they are written in will be the same

- Multiply by one _or_ Add zero

- Multiplying anything by zero gives zero as an answer