

# Numeration Glossary

## A

### and

the word we say when we see a decimal point in a number

**Example:** *10.9 is read as ten and 9 tenths*  
*\$9.99 is read as nine dollars and ninety-nine cents*

## D

### decimal

a number in which the whole is divided into tenths, hundredths, and thousandths

### decimal place

the position of a digit to the right of a decimal point

**Example:** *In 2.5 the 5 is in the tenths place*

### decrease

to get smaller

### digit

one of the ten symbols, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, that make up all numbers

## E

### equivalent decimals

decimals that have the same value

**Example:**  *$0.7=0.70$*

## G

### greater than

a number that is larger than another number

*Use this sign: >*

## H

### **hundredths**

the decimal value two places to the right of the decimal point

## I

### **increase**

to get larger

## L

### **less than**

a number that is smaller than another number

*Use this sign: <*

## M

### **mathematical function**

addition, subtraction, multiplication, or division

### **millions period**

the period that contains the numbers 1,000,000 – 999,999,999; it has ones, tens, and hundreds places

### **mixed decimal**

a number that has a whole number as well as a decimal point included in it

**Example:** 1.10

## N

### **necessary zeros**

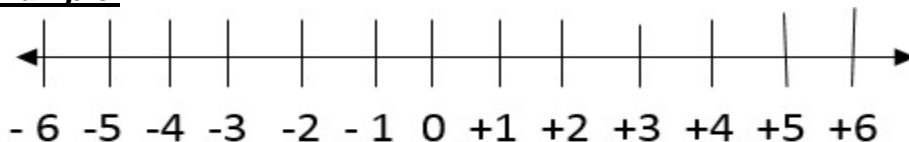
zeros that keep the place value in a number

**Example:** .07 is read seven hundredths

## number line

a number line displays positive (+) and negative (-) numbers and zero

Example:



## number sequence

a series of numbers that follow a certain pattern

## numeric system

our system of numbers expressed in digits or words

## P

### periods

a group of three digits in a number

Note: Periods are separated by a comma.

### place value

how much a number is worth in a place in our number system

## R

### rounding

finding the closest number

a math skill that is used when you change a number to a ten, or hundred, or thousand, or ten thousand etc., to make the numbers easy to work with.

Examples:

- a) 16 rounded to the nearest **ten** is **20**.
- b) 312 rounded to the nearest **hundred** is **300**.
- c) 51,901 rounded to the nearest **thousand** is **52,000**.
- d) 19,444 rounded to the nearest **ten-thousand** is **20,000**.

**rule**

a procedure to follow in order to solve a problem

**T****tenths**

the decimal value immediately to the right of the decimal point

**thousands period**

the period that contains the numbers 1,000 – 999,999; it has ones, tens, and hundreds places

**thousandths**

the decimal value three places to the right of the decimal point

**U****units period**

the period that contains the numbers 1 – 999; it has ones, tens, and hundreds places

**unnecessary zeros**

zeros that do not change the value of a number if they are removed

**V****value**

how much something is worth