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: >
hundredths
the decimal value two places to the right of the decimal point

increase
to get larger

less than
a number that is smaller than another number

Use this sign: <

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

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:*

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- 6  -5  -4  -3  -2  -1  0  +1  +2  +3  +4  +5  +6
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number sequence

a series of numbers that follow a certain pattern

numeric system

our system of numbers expressed in digits or words

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

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