

<b>Hundred Millions</b>
Ten Millions
Millions
,
Hundred Thousands
Ten Thousands
Thousands
,
Hundreds
Tens
Ones

# Hundred Millions

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# Millions

# Ten Thousands

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# Hundred Thousands

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# Variables

Letters that stand for numbers and can be added, subtracted, multiplied and divided as numbers are.

$$\text{Example: } 23 + 30 + \mathbf{V} = 75$$

= Equal  
< Less than  
> Greater than

## Addend

Example: In  $4 + 5$ , the numbers 4 and 5 are the addends

The diagram shows the equation  $8 + 3 = 11$ . The number 8 is blue, 3 is red, and 11 is black. A blue arrow points from the word "Addend" to the number 8. A red arrow points from the word "Addend" to the number 3. A green arrow points from the word "Sum" to the number 11.

## Algorithm

A step by step procedure to solve a particular type of problem.

**Bundling, making, renaming,  
changing, exchanging, regrouping,  
trading**

Example: exchanging 10 ones for 1 ten

**Compose**

Example: to make 1 larger unit from 10 smaller units

**Decompose**

Example: to break 1 larger unit into 10 smaller units

# Difference

Answer to a subtraction problem

$$289 - 146 = 143$$

difference

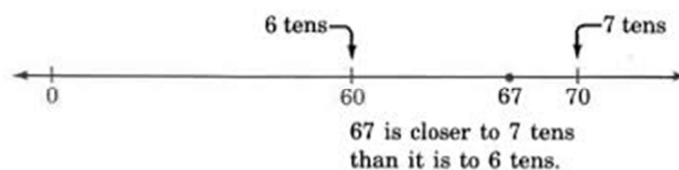
# Digit

Any of the numbers 0 to 9

Example: what is the value of the digit in the tens place?

# Endpoint

Used with rounding on the number line; the numbers that mark the beginning and end of a given interval.



# Equation

Example:  $2,389 + 80,601 = \underline{\hspace{2cm}}$

# Estimate

An approximation of a quantity or number.



# Expanded Form

Example:  $100 + 30 + 5 = 135$

# Expression

Example:  $2,000 \times 10$

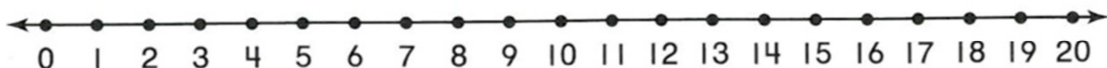
# Halfway

With reference to a number line, the midpoint between two numbers.

Example: 5 is halfway between 0 and 10.

# Number Line

A line marked with numbers at evenly spaced intervals.

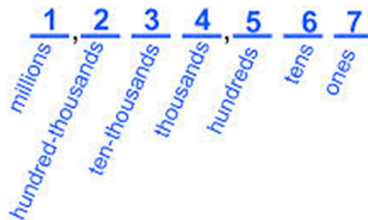


# Number Sentence

Example:  $4 + 3 = 7$

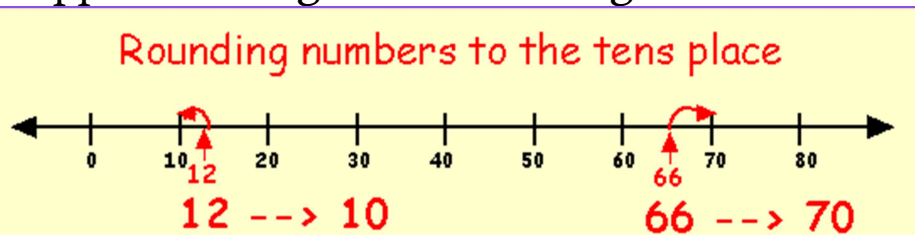
# Place Value

The numerical value that a digit has by virtue of its position in a number.



# Rounding

Approximating the value of a given number.





# Standard Form

A number written in the format 135.

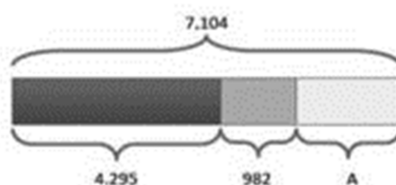
# Sum

The answer to an addition problem.

$$\begin{array}{c} \text{Addend} \quad \text{Addend} \quad \text{Sum} \\ \swarrow \quad \nearrow \quad \nwarrow \\ 8 + 3 = 11 \end{array}$$

# Tape Diagram

Bar diagram.



# **Unbundling, breaking, renaming, changing, regrouping, trading**

Example: exchanging 1 ten for 10 ones.

## **Word Form**

Example: one hundred thirty five for the number 135.

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