

NOTATIONS & MEASURES



1x10^x



CALIGRAPH NOTATION

ABB

After Big Bang

BP

Before Present
(calculated back from 1950)

TYA/KYA

Thousands of Years Ago

MYA

Millions of Years Ago

BYA

Billions of Years Ago

BC

Before the birth of Christ

AD

After the birth of Christ
Anno Domini (year of our Lord)

BCE

Before Common Era

CE

Common Era

SCIENTIFIC NOTATION

One

Ten

Hundred

Thousand

Million

Billion

Trillion

Quadrillion

Quintillion

Tenth

Hundredth

Thousandth

Millionth

Billionth

Trillionth

Quadrillionth

Quintillionth

Googol

The term was coined in 1938 by 9-year-old Milton Sirotta, nephew of American mathematician Edward Kasner.

Centillion

It is believed to be the largest number with a conventional name.

1

10

100

1,000

1,000,000

1,000,000,000

1,000,000,000,000

1,000,000,000,000,000

1,000,000,000,000,000,000

1,000,000,000,000,000,000,000

.1

.01

.001

.000 001

.000 000 001

.000 000 000 001

.000 000 000 000 001

.000 000 000 000 000 001

1

10

10²

10³

10⁶

10⁹

10¹²

10¹⁵

10¹⁸

10⁻¹

10⁻²

10⁻³

10⁻⁶

10⁻⁹

10⁻¹²

10⁻¹⁵

10⁻¹⁸

10¹⁰⁰

10³⁰³

UNIT NAME & SYMBOL

megaparsec

parsec

light year

AU (astronomical unit)

kilometer

meter

centimeter

millimeter

micrometer

nanometer

angstrom

femtometer

planck length

3.08569025 × 10²² meters

3.08569025 × 10¹⁶ meters

9.4605284 × 10¹⁷ meters

149,598,000 kilometers

10³ meters

1

10⁻² meters

10⁻³ meters

10⁻⁶ meters

10⁻⁹ meters

1.0 × 10⁻¹⁰ meters

10⁻¹⁵ meters

10⁻³⁵ meters

UNIT NAME / UNIT'S CONVERSION

1 inch = 2.54 centimeters

1 foot = 0.3048 meters

1 yard = 0.9144 meters

1 mile = 1.609344 kilometers