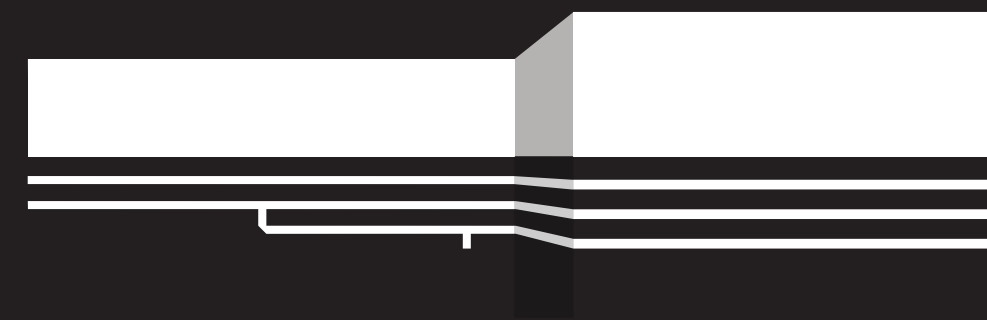


NOTATIONS & MEASURES



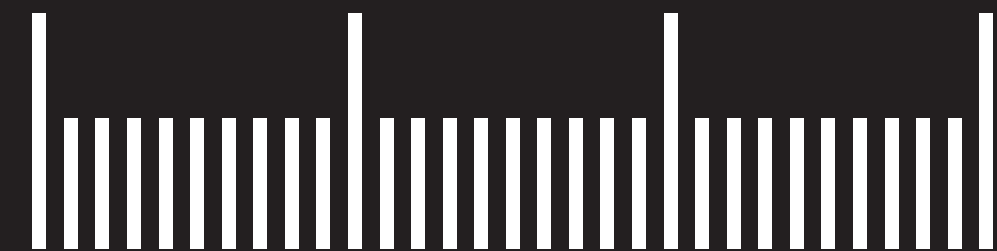
CALENDAR NOTATION

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

1×10^x

SCIENTIFIC NOTATION

One	1	1
Ten	10	10
Hundred	10 ²	100
Thousand	10 ³	1,000
Million	10 ⁶	1,000,000
Billion	10 ⁹	1,000,000,000
Trillion	10 ¹²	1,000,000,000,000
Quadrillion	10 ¹⁵	1,000,000,000,000,000
Quintillion	10 ¹⁸	1,000,000,000,000,000,000
Tenth	10 ⁻¹	.1
Hundredth	10 ⁻²	.01
Thousandth	10 ⁻³	.001
Millionth	10 ⁻⁶	.000 001
Billionth	10 ⁻⁹	.000 000 001
Trillionth	10 ⁻¹²	.000 000 000 001
Quadrillionth	10 ⁻¹⁵	.000 000 000 000 001
Quintillionth	10 ⁻¹⁸	.000 000 000 000 000 001
Googol	10 ¹⁰⁰	
The term was coined in 1938 by 9-year-old Milton Sirota, nephew of American mathematician Edward Kasner.		
Centillion	10 ³⁰³	
It is believed to be the largest number with a conventional name.		



DISTANCE & LENGTH

megaparsec	3.08568025 × 10 ²² meters
parsec	3.08568025 × 10 ¹⁶ meters
light year	9.4605284 × 10 ¹⁵ meters
AU (astronomical unit)	149,598,000 kilometers
kilometer	10 ³ meters
meter	1
centimeter	10 ⁻² meters
millimeter	10 ⁻³ meters
micrometer	10 ⁻⁶ meters
nanometer	10 ⁻⁹ meters
angstrom	1.0 × 10 ⁻¹⁰ meters
femtometer	10 ⁻¹⁵ meters
planck length	10 ⁻³⁵ meters

STANDARD / METRIC CONVERSION

1 inch	= 2.54 centimeters
1 foot	= 0.3048 meters
1 yard	= 0.9144 meters
1 mile	= 1.609344 kilometers