

Useful Information

The Greek Alphabet:

Alpha	A	α	Nu	N	ν
Beta	B	β	Xi	Ξ	ξ
Gamma	Γ	γ	Omicron	O	o
Delta	Δ	δ	Pi	Π	π
Epsilon	E	ϵ	Rho	P	ρ
Zeta	Z	ζ	Sigma	Σ	σ
Eta	H	η	Tau	T	τ
Theta	Θ	θ	Upsilon	Y	υ
Iota	I	ι	Phi	Φ	ϕ
Kappa	K	κ	Chi	X	χ
Lambda	Λ	λ	Psi	Ψ	ψ
Mu	M	μ	Omega	Ω	ω

Commonly used SI prefixes:

Examples:

mega-	M	10^6	1 megawatt = 1MW = 1×10^6 watt
kilo-	k	10^3	1 kilogram = 1kg = 1×10^3 gram
centi-	c	10^{-2}	1 centimeter = 1 cm = 1×10^{-2} meter
milli-	m	10^{-3}	1 milliliter = 1 mL = 1×10^{-3} liter
micro-	μ	10^{-6}	1 microsecond = $1\mu\text{s}$ = 1×10^{-6} second
nano-	n	10^{-9}	1 nanometer = 1 nm = 1×10^{-9} meter

Basic Conversion Factors:

Length:

$$1 \text{ in} \equiv 2.54 \text{ cm}$$

$$1 \text{ ft} \equiv 12 \text{ in}$$

$$1 \text{ yd} \equiv 3 \text{ ft}$$

$$1 \text{ mi} \equiv 5280 \text{ ft}$$

Time:

$$1 \text{ min} \equiv 60 \text{ s}$$

$$1 \text{ hr} \equiv 60 \text{ min}$$

$$1 \text{ day} \equiv 24 \text{ hr}$$

$$1 \text{ week} \equiv 7 \text{ days}$$

$$1 \text{ year} = 365.24 \text{ days}$$