

Electrical units

Name	Symbol	Quantity
ampere	A	electric current
volt	V	voltage (Electric potential difference)
ohm	Ω	resistance
farad	F	capacitance
hertz	Hz	frequency

Prefixes

Many numbers have names derived from Greek or Latin. Engineers and scientists use Système International d'Unités (SI) number prefixes.

Some of the most common prefixes we will use are listed below.

Number	Prefix	Symbol
10^{+12}	tera-	T
10^{+9}	giga-	G
10^{+6}	mega-	M
10^{+3}	kilo-	k
10^0		
10^{-3}	milli-	m
10^{-6}	micro-	μ
10^{-9}	nano-	n
10^{-12}	pico-	p