

SI multiples of watt (W)

Submultiples			Multiples		
Value	SI symbol	Name	Value	SI symbol	Name
10^{-1} W	dW	deciwatt	10^1 W	daW	decawatt
10^{-2} W	cW	centiwatt	10^2 W	hW	hectowatt
10^{-3} W	mW	milliwatt	10^3 W	kW	kilowatt
10^{-6} W	μ W	microwatt	10^6 W	MW	megawatt
10^{-9} W	nW	nanowatt	10^9 W	GW	gigawatt
10^{-12} W	pW	picowatt	10^{12} W	TW	terawatt
10^{-15} W	fW	femtowatt	10^{15} W	PW	petawatt
10^{-18} W	aW	attowatt	10^{18} W	EW	exawatt
10^{-21} W	zW	zeptowatt	10^{21} W	ZW	zettawatt
10^{-24} W	yW	yoctowatt	10^{24} W	YW	yottawatt

Common multiples are in **bold** face

SI multiples of joule (J)

Submultiples			Multiples		
Value	SI symbol	Name	Value	SI symbol	Name
10^{-1} J	dJ	decijoule	10^1 J	daJ	decajoule
10^{-2} J	cJ	centijoule	10^2 J	hJ	hectojoule
10^{-3} J	mJ	millijoule	10^3 J	kJ	kilojoule
10^{-6} J	μ J	microjoule	10^6 J	MJ	megajoule
10^{-9} J	nJ	nanojoule	10^9 J	GJ	gigajoule
10^{-12} J	pJ	picojoule	10^{12} J	TJ	terajoule
10^{-15} J	fJ	femtojoule	10^{15} J	PJ	petajoule
10^{-18} J	aJ	attojoule	10^{18} J	EJ	exajoule
10^{-21} J	zJ	zeptojoule	10^{21} J	ZJ	zettajoule
10^{-24} J	yJ	yoctojoule	10^{24} J	YJ	yottajoule

Common multiples are in bold face

SI multiples of hertz (Hz)

Submultiples			Multiples		
Value	SI symbol	Name	Value	SI symbol	Name
10^{-1} Hz	dHz	decihertz	10^1 Hz	daHz	decahertz
10^{-2} Hz	cHz	centihertz	10^2 Hz	hHz	hectohertz
10^{-3} Hz	mHz	millihertz	10^3 Hz	kHz	kilohertz
10^{-6} Hz	μ Hz	microhertz	10^6 Hz	MHz	megahertz
10^{-9} Hz	nHz	nanohertz	10^9 Hz	GHz	gigahertz
10^{-12} Hz	pHz	picohertz	10^{12} Hz	THz	terahertz
10^{-15} Hz	fHz	femtohertz	10^{15} Hz	PHz	petahertz
10^{-18} Hz	aHz	attohertz	10^{18} Hz	EHz	exahertz
10^{-21} Hz	zHz	zeptohertz	10^{21} Hz	ZHz	zettahertz
10^{-24} Hz	yHz	yoctohertz	10^{24} Hz	YHz	yottahertz

Common prefixed units are in bold face.

SI multiples for second (s)

Submultiples			Multiples		
Value	SI symbol	Name	Value	SI symbol	Name
10^{-1} s	ds	decisecond	10^1 s	das	decasecond
10^{-2} s	cs	centisecond	10^2 s	hs	hectosecond
10^{-3} s	ms	millisecond	10^3 s	ks	kilosecond
10^{-6} s	μ s	microsecond	10^6 s	Ms	megasecond
10^{-9} s	ns	nanosecond	10^9 s	Gs	gigasecond
10^{-12} s	ps	picosecond	10^{12} s	Ts	terasecond
10^{-15} s	fs	femtosecond	10^{15} s	Ps	petasecond
10^{-18} s	as	attosecond	10^{18} s	Es	exasecond
10^{-21} s	zs	zeptosecond	10^{21} s	Zs	zettasecond
10^{-24} s	ys	yoctosecond	10^{24} s	Ys	yottasecond

Common prefixes are in bold

SI multiples of metre (m)

Submultiples			Multiples		
Value	SI symbol	Name	Value	SI symbol	Name
10^{-1} m	dm	decimetre	10^1 m	dam	decametre
10^{-2} m	cm	centimetre	10^2 m	hm	hectometre
10^{-3} m	mm	millimetre	10^3 m	km	kilometre
10^{-6} m	μ m	micrometre	10^6 m	Mm	megametre
10^{-9} m	nm	nanometre	10^9 m	Gm	gigametre
10^{-12} m	pm	picometre	10^{12} m	Tm	terametre
10^{-15} m	fm	femtometre	10^{15} m	Pm	petametre
10^{-18} m	am	attometre	10^{18} m	Em	exametre
10^{-21} m	zm	zeptometre	10^{21} m	Zm	zettametre
10^{-24} m	ym	yoctometre	10^{24} m	Ym	yottametre

Common prefixed units are in **bold** face.