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Metric System

Prefix	Symbol	Factor	Example
tera	T	10^{12}	1 terameter = 1 Tm = 1×10^{12} m
giga	G	10^9	1 gigameter = 1 Gm = 1×10^9 m
mega	M	10^6	1 megameter = 1 Mm = 1×10^6 m
kilo	k	10^3	1 kilometer = 1 km = 1×10^3 m
hecto	h	10^2	1 hectometer = 1 hm = 1×10^2 m
deka	da	10^1	1 decameter = 1 dam = 1×10^1 m
		10^0	1 meter = 1 m = 1×10^0 m
deci	d	10^{-1}	1 decimeter = 1 dm = 1×10^{-1} m
centi	c	10^{-2}	1 centimeter = 1 cm = 1×10^{-2} m
milli	m	10^{-3}	1 millimeter = 1 mm = 1×10^{-3} m
micro	μ	10^{-6}	1 micrometer = 1 μ m = 1×10^{-6} m
nano	n	10^{-9}	1 nanometer = 1 nm = 1×10^{-9} m
pico	p	10^{-12}	1 picometer = 1 pm = 1×10^{-12} m