

yotta (Y)	10^{24}	1 YB = 1 000 ZB
zetta (Z)	10^{21}	1 ZB = 1 000 EB
exa (E)	10^{18}	1 EB = 1 000 PB
peta (P)	10^{15}	1 PB = 1 000 TB
tera (T)	10^{12}	1 TB = 1 000 GB
giga (G)	10^9	1 GB = 1 000 MB
mega (M)	10^6	1 MJ = 1 000 000 J
kilo (k)	10^3	1 km = 1 000 m
hecto (h)	10^2	1 hl = 100 l
deca (da)	10^1	1 dag = 10 g
base unit	10^0	1 m, 1 g, 1 l
deci (d)	10^{-1}	1 dl = 0.1 l
centi (c)	10^{-2}	1 cm = 0.01 m
milli (m)	10^{-3}	1 mm = 0.001 m
micro (μ)	10^{-6}	1 μ m = 0.000 001 m
nano (n)	10^{-9}	1 nm = 0.000 000 001 m
pico (p)	10^{-12}	1 ps = 0.000 000 000 001 s
femto (f)	10^{-15}	1 fs = 0.001 ps
atto (a)	10^{-18}	1 as = 0.001 fs
zepto (z)	10^{-21}	1 zs = 0.001 as
yocto (y)	10^{-24}	1 ys = 0.001 zs

Square and cubic units move 2 and 3 steps per prefix step - cm² to m² is not one step.