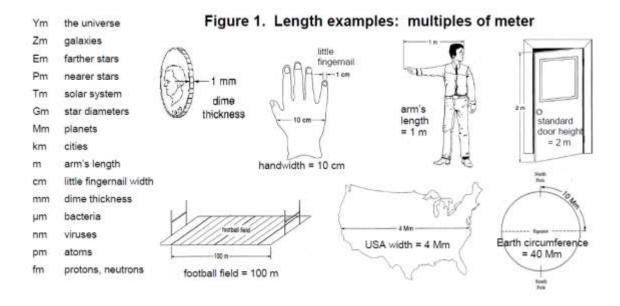
Table 1 Prefixes					
Symbol	Prefix	Factor			
Υ	yotta	10 <sup>24</sup>			
Z	zetta	10 <sup>21</sup>			
Е	exa	10 <sup>18</sup>			
Р	peta	10 <sup>15</sup>			
Т	tera	10 <sup>12</sup>			
G	giga	10 <sup>9</sup>			
М	mega	10 <sup>6</sup>			
k	kilo	10 <sup>3</sup>			
h	hecto	10 <sup>2</sup>			
da	deka	10 <sup>1</sup>			
		10 <sup>0</sup> = 1			
d	deci	10 <sup>-1</sup>			
С	centi	10 <sup>-2</sup>			
m	milli	10 <sup>-3</sup>			
μ	micro	10 <sup>-6</sup>			
n	nano	10 <sup>-9</sup>			
р	pico	10 <sup>-12</sup>			
f	femto	10 <sup>-15</sup>			
а	atto	10 <sup>-18</sup>			
z	zepto	10 <sup>-21</sup>			
У	yocto	10 <sup>-24</sup>			



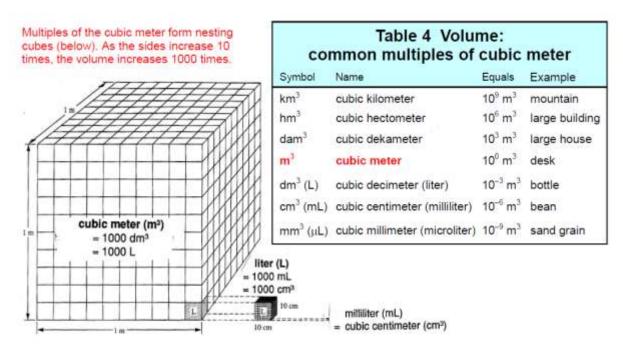


Figure 2. Volume: multiples of cubic meter

Table	5 Area: common m	ultiples o	f square meter
Symbol	Name	m <sub>s</sub>	Equals
Mm <sup>2</sup>	square megameter	= 10 <sup>12</sup> m <sup>2</sup>	= 1 000 000 km <sup>2</sup>
km <sup>2</sup>	square kilometer	= 10 <sup>6</sup> m <sup>2</sup>	= 100 hm <sup>2</sup> = 100 ha
hm² (ha)	square hectometer (hectare)	$= 10^4 \text{ m}^2$	= 10 000 m <sup>2</sup>
m²	square meter	$= 10^0 \text{ m}^2$	= 10 000 cm <sup>2</sup>
cm <sup>2</sup>	square centimeter	$= 10^{-4} \text{ m}^2$	= 100 mm <sup>2</sup>
mm <sup>2</sup>	square millimeter	$= 10^{-6} \text{ m}^2$	

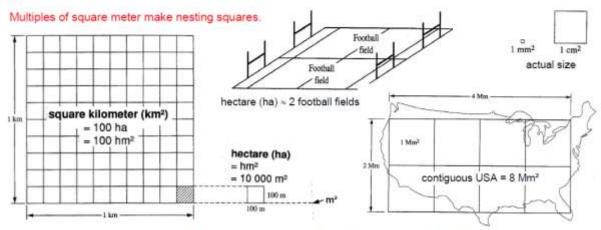


Figure 3. Area examples: multiples of square meter

Table 6 Mass: some multiples of kilogram				
Symbol	Name	Equals	Closely equals mass of	
Pg	petagram	= 10 <sup>12</sup> kg	≈ 1 km³ of water	
Tg	teragram	$= 10^9  \text{kg}$	≈ 1 hm³ of water	
Gg	gigagram	$= 10^6  kg$	≈ 1 dam³ of water	
Mg	megagram	$= 10^3  kg$	≈ 1 m³ of water	
kg	kilogram	BASE UNIT	≈ 1 L (dm³) of water	
g	gram	$= 10^{-3} \text{ kg}$	≈ 1 mL (cm³) of water	
mg	milligram	$= 10^{-6} \text{ kg}$	≈ 1 µL (mm³) of water	

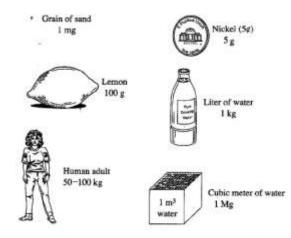


Fig. 4. Mass examples: multiples of kilogram

Figure 5. Temperature: kelvin and Celsius scales

