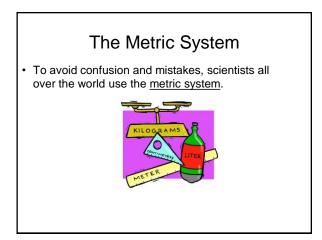
Oops, we used the wrong units

• In Canada, a plane ran out of fuel because the pilot mistook liters for gallons! The passengers were lucky that the captain was better as a glider pilot than he was with units. He landed the plane safely without power on an emergency airstrip.

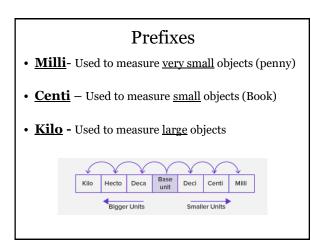








· It uses prefixes (or multiples of 10) to tell how large or small a measurement is.



Common Prefixes used with SI Units			
Prefix	Symbol	Meaning	Order of Magnitud
giga-	G	1 000 000 000	10 ⁹
mega-	M	1 000 000	10 ⁶
kilo-	k	1 000	10 ³
hecto-	h	100	10 ²
deka-	da	10	10^{1}
	base unit	1	10^{0}
deci-	d	0.1	10-1
centi-	c	0.01	10-2
milli-	m	0.001	10-3
micro-	μ	0.000 001	10-6
nano-	n	0.000 000 001	10'9

