Metric Conversion Table

when going to a larger unit – **DIVIDE**

	PREFIX	SYMBOL	FACTOR	MAGNITUDE	
⇑ ÷ 1000	giga	G	1 000 000 000	10^{9}	⇓ x 1000
⇑ ÷ 1000	mega	M	1 000 000	10^{6}	⇓ x 1000
⇑ ÷ 10	kilo	k	1 000	10^{3}	⇓ x 10
⇑ ÷ 10	hecto	h	100	10^{2}	⇓ x 10
⇑ ÷ 10	deca	da	10	10^{1}	⇓ x 10
⇑ ÷ 10	**BASE UNIT (m, g, L)**				⇓ x 10
⇑ ÷ 10	deci	d	0.1	10^{-1}	⇓ x 10
⇑ ÷ 10	centi	c	0.01	10^{-2}	⇓ x 10
⇑ ÷ 1000	milli	m	0.001	10^{-3}	⇓ x 1000
⇑ ÷ 1000	micro	μ	0.000 001	10^{-6}	⇓ x 1000
	nano	n	0.000 000 001	10^{-9}	

when going to smaller unit – **MULTIPLY**