Giga		Mega		Kilo	Hecto	Deka	base	deci	centi	milli	micro		nano
10 ⁹		10 ⁶		10 ³	10 ²	10 ¹	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁶		10 ⁻⁹
1,000,000,000		1,000,000		1000	100	10	1	1/10	1/100	1/1000	1/1000000		1/1000000000
G		М		K	Н	Da		d	С	m	μ		n

Expression to remember the order:

- Gosh--My-- King Henry died by drinking chocolate milk--µnmercifully-- nagging-- Peter.
- To convert- you put your finger on what is given and move it in the direction what is asked for. You will then move the decimal of your number in the same direction that many times as you moved your finger.
- Each dash or name is a movement of ten. You need to count the dashes too when converting from one unit to another.
- You can also use dimensional analysis in these conversions.

UNIT CONVERSIONS WORKSHEET

1.) 360 g to	_ µg	8.) 30.2 μL to	L	15.) 4.305 L to	_dL
2.) 18.05 m to	Mm	9.) 2.85 x 10 ⁴ L to	_dm³	16.) 4.32 L to	_cm³
3.) 0.00238 cg to	g	10.) 4.06 x 10 ¹² nm to	_m	17.) 61.2 mL to	_dm³
4.) 3.80 dL to	L	11) 41.5 mL to	L	18.) 6.643 x 10 ⁻⁵ km to	m
5.) 13.52 cm ³ to	_mL	12.) 1.05 dm³ to	_cm³	19.) 1.832 L to	_mL
6.) 1.428 x 10 ⁷ m to	_ km	13) 281 cm ³ to	L	20.) 6.58 m to	nm
7.) 0.014 g to	_cg	14.) 35.85 Mm to	m		