King Henry, a mnemonic for remembering unit conversions

Units become larger in size ⟵   ⟶ Units become smaller in size

	-	-	King	Henry	Died	Unusually	Drinking	Chocolate	Milk	-	-		-	-	
Mega			kilo	hecta	deka	Unit	deci	centi	milli			micro			nano
M			k	H	D		d	c	m			μ (or mc)			n
eg Mg Mm ML			eg Kilogram Kilometre kilolitre	eg Hectagram Hectametre Hectalitre	eg Dekagram Dekametre Dekalitre	eg gram metre litre	eg decigram decimetre decilitre	eg centigram centimetre centilitre	eg milligram millimetre millilitre			eg μg or mcg μm μL			eg ng nm nL
1Mg = 1 million grams			1Kg = 1 thousand grams	1 Hg = 1 hundred grams	1 Dg = ten grams		1 dg = a tenth of a gram $\frac{1}{10}$	1 cg = a hundredth of a gram $\frac{1}{100}$	1 mg = a thousandth of a gram $\frac{1}{1000}$			1 μg = a millionth of a gram $\frac{1}{1000000}$			1 ng = a billionth of a gram $\frac{1}{1000000000}$
1,000,000g			1000g	100g	10g	1g	0.1g	0.01g	0.001g			0.0000001g			0.000000001g
						1g 1L	10 dg = 1 g 10 dL = 1L	100 cg = 1 g	1000 mg = 1 g			1 million μg = 1 g			1 Billion ng = 1 g

Remember:

⟵ **When converting <u>to the bigger size unit</u>, the less you will have, so divide.**

⟶ **When converting <u>to the smaller size unit</u> the more you will have, so multiply.**