

Know your Units




 <p>Kg</p>	 <p>g</p>	 <p>mg</p>	 <p>mcg</p>
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 <p>L</p>	 <p>mL</p>
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$1 \text{ Kg } \left[\text{Sugar Packet} \right] = 1000 \text{ g } \left[\text{Spoon} \right] \quad \left| \quad 1 \text{ g } \left[\text{Spoon} \right] = 1000 \text{ mg } \left[\text{Sugar Pile} \right] \quad \left| \quad 1 \text{ mg } \left[\text{Sugar Pile} \right] = 1000 \text{ mcg } \left[\text{Purple Square} \right]$

Converting Units

Think of “move 3” – move decimal point three places each time.

$1 \text{ Kg} = 1000 \text{ g}$	
$1.5 \text{ L} = 1500 \text{ mL}$	
$0.5 \text{ g} = 500 \text{ mg}$	

Big unit to small unit → need more.

$1200 \text{ g} = 1.200 \rightarrow 1.2 \text{ Kg}$	
$500 \text{ mg} = 0.500 \rightarrow 0.5 \text{ g}$	
$20 \text{ mg} = 0.020 \rightarrow 0.02 \text{ g}$	

Small unit to big unit → need less.