

Converting measures in the metric (SI) system:

REMEMBER: **King Henry Died By Drinking Chocolate Milk**

Prefixes: **kilo-** **hecto-** **deka-** (base*) **deci-** **centi-** **milli-**

***gram/Liter/meter**

Examples:

- Change 1200g to Kg
 - Start at **g**rams (The base unit for mass/weight)
 - To get to **Kg** (kilograms), you would move the decimal point **3** places to the **left**←.
 - $1\underset{\leftarrow}{2}00.g \rightarrow 1.2\text{Kg}$ (Drop the 0's)
 - So, $1200\text{g} = 1.2\text{Kg}$
- $230\text{Km} = ?\text{cm}$
 - Start at **Km**
 - To get to **cm**, you would move the decimal point **5** places to the **right**→.
 - $230.\underset{\rightarrow}{00000}\text{Km} \rightarrow 23000000.\text{cm}$
 - So, $230\text{Km} = 23000000\text{cm}$