## Metric Conversion

| $\mathrm{K}_{\text {ing }}$ | Henry | Died | $U_{\text {nusually }}$ Su-9.0. | $D_{\text {rinking }}$ | Chocolate | $\mathrm{M}_{\text {ilk }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Kilo } \\ 10 \text { roxiox } \\ \text { LARGER } \\ \text { than a unit } \\ 1 \text { kilo = } \\ 1,000 \text { units } \end{gathered}$ | Hecto <br> $10 \times 10 \times$ LARGER than a unit <br> 1 hecto $=$ 100 units | Deca <br> $10 \times$ LARGER than a unit <br> 1 deca $=$ <br> 10 units | * Unit * <br> Meter <br> (length) <br> Liter <br> (liquid volume) <br> Gram <br> (mass/weight) <br> 1 unit | Deci <br> 10 x SMALLER than a unit <br> 10 deci $=$ <br> 1 unit | Centi <br> $10 \times 10 \times$ SMALLER than a unit 100 centi $=$ 1 unit | $\begin{array}{\|c\|} \hline \text { Milli } \\ 10 \times 10 \times 10 \times \\ \text { SMALLER } \\ \text { than anit } \\ 1,000 \text { milli } \\ =1 \text { unit } \end{array}$ |
| $\begin{gathered} \mathrm{km}=\text { kilometer } \\ \mathrm{kL}=\text { kiloliter } \\ \mathrm{kg}=\text { kilogram } \end{gathered}$ | hm = hectometer <br> $\mathrm{hL}=$ hectoliter <br> $\mathrm{hg}=$ hectogram | dam = decameter <br> daL = decaliter <br> dag = decagram | $\begin{gathered} \mathrm{m}=\text { meter } \\ \mathrm{L}=\text { liter } \\ \mathrm{g}=\text { gram } \end{gathered}$ | $\begin{gathered} \mathrm{dm}=\text { decimeter } \\ \mathrm{dL}=\text { deciliter } \\ \mathrm{dg}=\text { decigram } \end{gathered}$ | $\begin{gathered} \mathrm{cm}=\text { centimeter } \\ \mathrm{cL}=\text { centiliter } \\ \mathrm{cg}=\text { centigram } \end{gathered}$ | $\begin{aligned} \mathrm{mm} & =\text { millimeter } \\ \mathrm{mL} & =\text { milliliter } \\ \mathrm{mg} & =\text { milligram } \end{aligned}$ |
| Example: 5kilo 50 hecto |  | 500 deca 5,000 units |  | 50,000 deci 500,000 centi |  | 5,000,00 |
| DIVIIE numbers by ID if you are getting bigger (same as moving decimal point one space to the left) |  |  |  |  |  |  |

