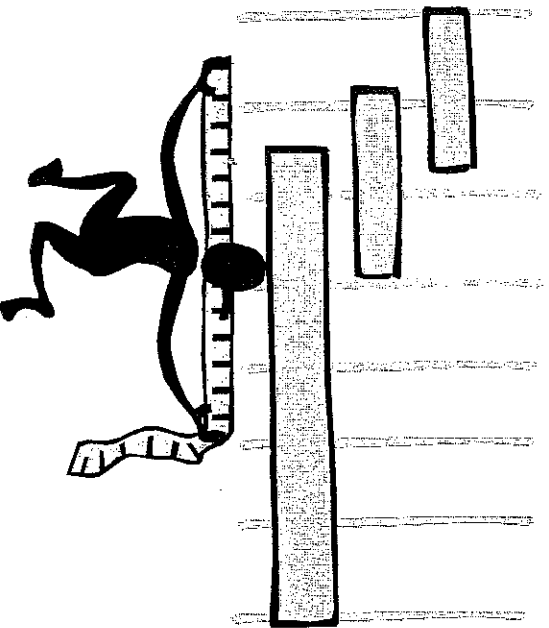
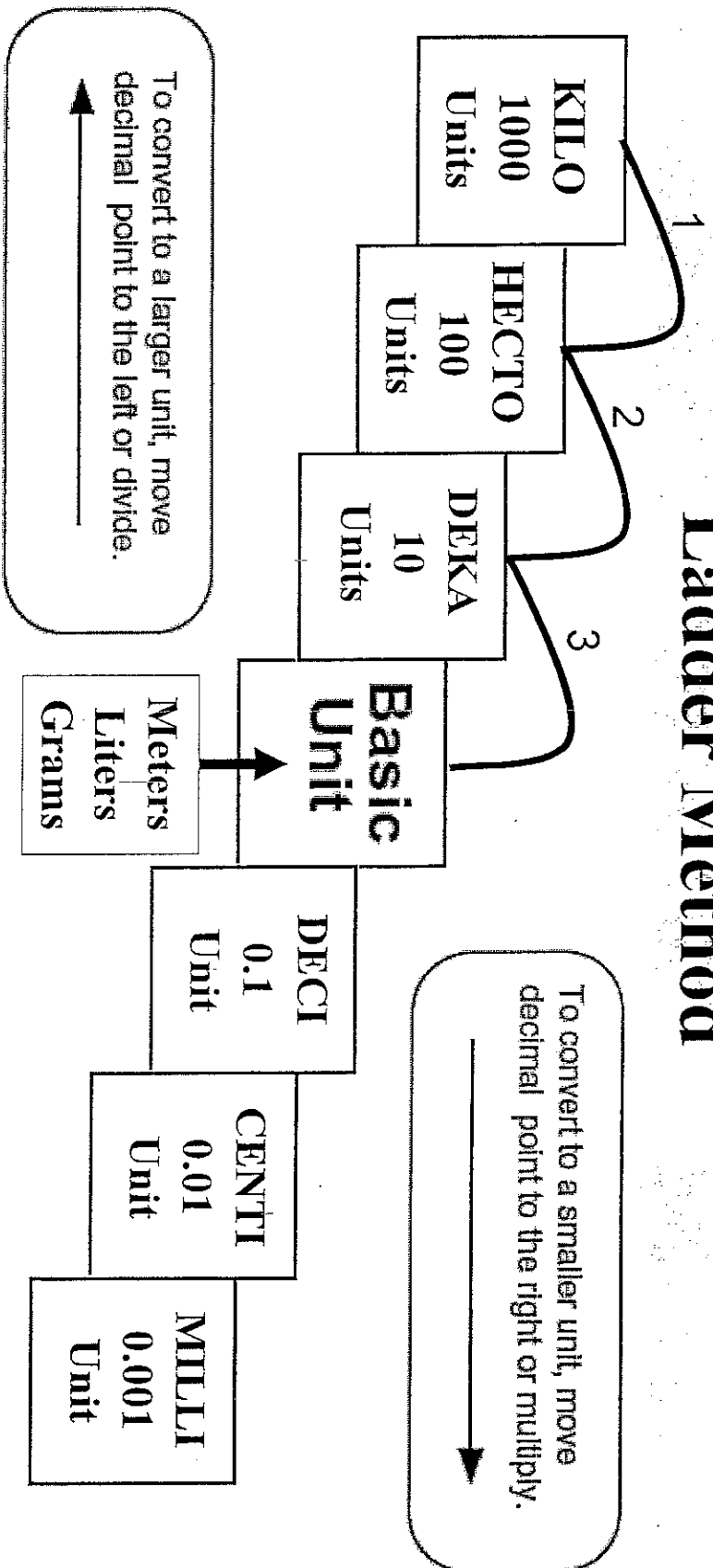


Metric Mania



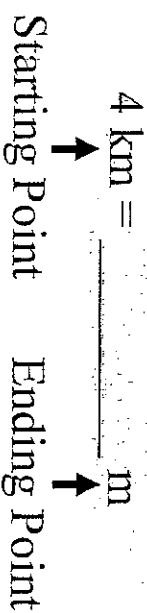
Metric Conversions Ladder Method

Ladder Method



How do you use the 'ladder' method?

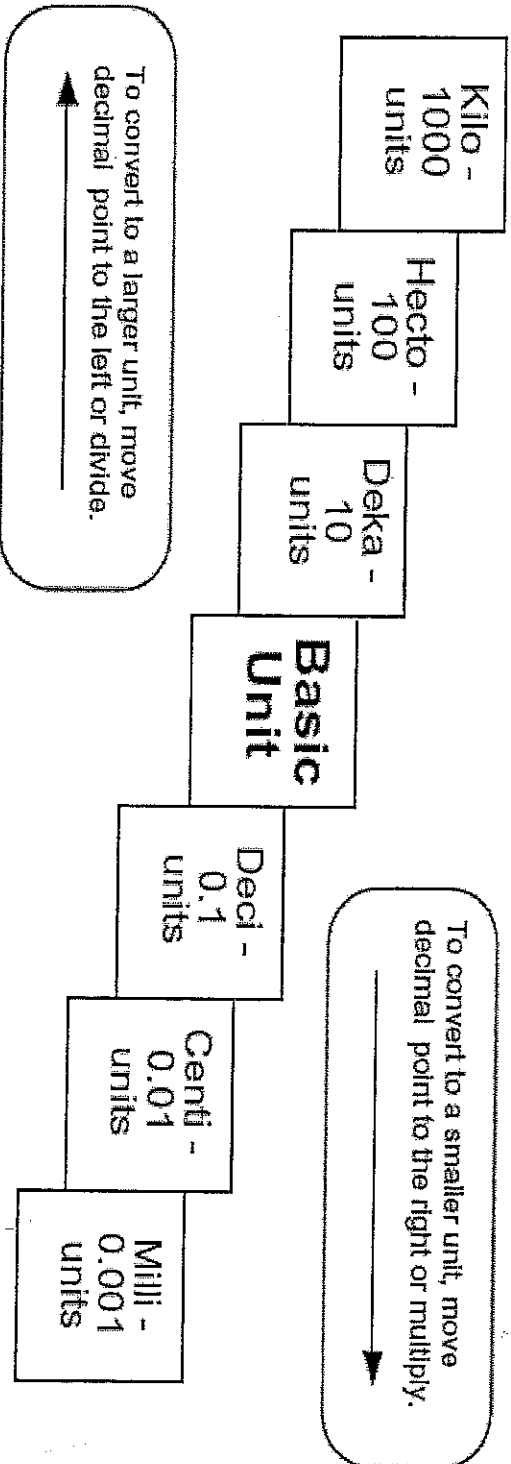
- 1st – Determine your starting point.
- 2nd – Count the “jumps” to your ending point.
- 3rd – Move the decimal the same number of jumps in the same direction.



How many jumps does it take?

$$4.\overset{1}{\underset{1}{\vee}}\overset{2}{\underset{2}{\vee}}\overset{3}{\underset{3}{\vee}} = 4000 \text{ m}$$

Conversion Practice



Try these conversions using the ladder method.

$1000 \text{ mg} = \underline{\hspace{2cm}} \text{ g}$

$1 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

$160 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

$14 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

$109 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

$250 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

Compare using $<$, $>$, or $=$.

$56 \text{ cm} \bigcirc 6 \text{ m}$

$7 \text{ g} \bigcirc 698 \text{ mg}$