1,000,000 s	1,000 s	100 s	10 s	1 s	1/10th s	1/100th s	1/1000th s	1/1,000,000th s
Many	kids	have	damaged	brains	during	class	most	mornings
e g a	il o	ect o	e k a	a s e u n i t *	e c i	e n t i	i l l i	i c r o

* the base unit for distance is the **meter (m)**, for volume - **liter (L)**, and for mass - **gram (g)**.

Add Yours Here!!!

M   **k**   **h**   **da**   <u>**b**</u>   **d**   **c**   **m**   **μ**

You are responsible to know how to convert to the prefixes **Mega- (M)** which means 1,000,000 and **micro – (μ)** which means 1/1,000,000th . Mega- (M) is 3 steps to the left of kilo-. The two steps between have no prefix names. Likewise, micro- (μ) is 3 steps to the right of milli-. Again, the two steps between have no prefixes. If you wish to use the format described above, it would look like this:

M   x   x   **k**   **h**   **da**   <u>**b**</u>   **d**   **c**   **m**   x   x   **μ**

The rule for the x's is 2! 2 x's between the first 2 prefixes and 2 x's between the last 2 prefixes.

Remember, in order to convert one metric unit to another using this method:
1. Mark the prefix for which you know the measurement.
2. Bounce over to the prefix you want.
3. Count the number of bounces you made and in which direction you moved.
   - DO NOT COUNT THE PREFIX YOU STARTED AT.
   - Count each stop, even the x's.
4. Move the decimal point the same direction and the same number of bounces as you found in step 3.
5. Fill in any empty "baskets" with "balls" (zeros) unless the number is less than one and the zeros would be to the left of the new decimal place.