

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

**Conversion Help**

**It's all in the prefix!!!** The following chart is meant to help you out.

Many of you were very confused when we talked about conversions in class. You seemed very overwhelmed. Hopefully, we can clear this confusion up. The prefix tells you everything you need to know when you convert. The easiest way to convert is to take it to the base unit. Then go to the prefix you need. Dimensional analysis is the method to use.

1 kilo (k)	= 1,000 meters (m), liters (m), or grams (g)
1 hecto (h)	= 100 meters (m), liters (m), or grams (g)
1 deca (da)	= 10 meters (m), liters (m), or grams (g)
Basic units of measure	meters (m), liters (m), or grams (g)
10 deci (d)	= 1 meters (m), liters (m), or grams (g)
100 centi (c)	= 1 meters (m), liters (m), or grams (g)
1,000 milli (m)	= 1 meters (m), liters (m), or grams (g)
1,000,000 micro ( $\mu$ )	= 1 meters (m), liters (m), or grams (g)

More help to follow shortly.