

MEASUREMENT

In the **American system of measurement**, students will need to memorize the conversions between units. The most common equivalencies that you need to know are the following.

Linear Measurement

12 inches = 1 foot
36 inches = 1 yard
3 feet = 1 yard
5280 feet = 1 mile

Capacity

1 gallon = 4 quarts
1 quart = 2 pints
1 pint = 2 cups
1 cup = 8 ounces

Weight

1 ton = 2000 pounds
1 pound = 16 ounces

Students should know that **linear measurement is in inches, area is in square inches and volume is in cubic inches.**

In the **Metric system of measurement**, students can be taught to just move the decimal point when converting units. They will need to learn the following sentence where the first letter in each word corresponds to the prefix in the metric system.

King Henry Died Monday Drinking Chocolate Milk
King Henry Died Monday Drinking Chocolate Milk
(k) (h) (da) (unit) (d) (c) (m)

Then the students can just sketch the above chart (K, H, Da, M, D, C, M) and place the number they wish to convert under the proper slot. Move the decimal point left or right the correct number of places to make the conversion.

Example: convert 43.1 cm to km.
Move the decimal point 5 places left supplying needed zeroes.
Answer: .000431 km

Example: convert 43.1 cm to mm.
Move the decimal point one position right.
Answer: 431 mm