A Better Grade Tutoring, LLC
One-on-One In-Home Tutoring
Changing the world through education -one student at a time.

## CONVERSION CHART

## Liquid Measure

8 ounces $=1$ cup
2 cups $=1$ pint
16 ounces $=1$ pint
4 cups $=1$ quart
1 gill $=1 / 2$ cup or $1 / 4$ pint
2 pints $=1$ quart
$\begin{aligned} 4 \text { quarts } & =1 \text { gallon } \\ 31.5 \text { gallons } & =1 \text { barrel }\end{aligned}$
$3 \mathrm{tsp}=1 \mathrm{tbsp}$
2 tbsp $=1 / 8$ cup or 1 fluid ounce
4 tbsp $=1 / 4$ cup
8 tbsp = 1/2 cup
1 pinch $=1 / 8$ tsp or less
$1 \mathrm{tsp}=60$ drops
Conversion of US Liquid Measure to Metric System
1 fluid oz. $=29.573$ milliliters
1 cup $=230$ milliliters
1 quart $=.94635$ liters
1 gallon $=3.7854$ liters
033814 fluid ounce $=1$ milliliter
3.3814 fluid ounces $=1$ deciliter
33.814 fluid oz. or 1.0567 qt. $=1$ liter

| Dry Measure |  | Linear Measure |  |
| :---: | :---: | :---: | :---: |
| 2 pints = | 1 quart | 12 inches = | 1 foot |
| 4 quarts = | 1 gallon | 3 feet $=$ | 1 yard |
| 8 quarts $=$ | 2 gallons or 1 peck | 5.5 yards $=$ | 1 rod |
| 4 pecks $=$ | 8 gallons or 1 bushel | 40 rods $=$ | 1 furlong |
| 16 ounces = | 1 pound | 8 furlongs (5280 feet $)=$ | 1 mile |
| $2000 \mathrm{lbs}=$. | 1 ton | 6080 feet $=$ | 1 nautical mile |
| Conversion of US Weight and Mass Measure to Metric System |  | Conversion of US Linear Measure to Metric System |  |
| .0353 ounces $=$$1 / 4$ ounce $=$ | 1 gram | $\begin{array}{r} 1 \text { inch }= \\ 1 \text { foot }= \end{array}$ | 2.54 centimeters.3048 meters |
|  | 7 grams |  |  |
| $\begin{array}{r} 1 \text { ounce }= \\ 4 \text { ounces }= \end{array}$ | 28.35 grams | $\begin{aligned} & 1 \text { yard }= \\ & 1 \text { mile }= \end{aligned}$ | $\begin{aligned} & .9144 \text { meters } \\ & 1609.3 \text { meters or } \\ & 1.6093 \text { kilometers } \end{aligned}$ |
|  | 113.4 grams |  |  |
| 8 ounces $=$ | 226.8 grams | .03937 in. $=$ | 1 millimeter |
| 1 pound = | 454 grams | . 3937 in. $=$ | 1 centimeter |
| 2.2046 pounds $=$ | 1 kilogram | 3.937 in. $=$ | 1 decimeter |
| . 98241 long ton or | 1 metric ton | 39.37 in. $=$ | 1 meter |
|  |  | 3280.8 ft or .62137 miles $=1$ kilometer |  |
|  | To convert a Fahrenheit temperature to Centigrade, do the following: <br> a. Subtract 32 <br> b. Multiply by 5 <br> c. Divide by 9 |  |  |
| To convert Centigrade to Fahrenheit, do the following: <br> a. Multiply by 9 <br> b. Divide by 5 <br> c. Add 32 |  |  |  |

## Linear Measure

12 inches $=1$ foot 3 eet = 1 yard

1 rod

40 rods $=1$ furlong

6080 feet $=1$ nautical mile

1 inch $=2.54$ centimeters
1 foot $=.3048$ meters
1 yard = .9144 meters
1609.3 meters or
millimeter
.3937 in. $=1$ centimeter
1 decimeter
39.37 in. $=1$ meter
a. Multiply by 9 b. Divide by 5 c. Add 32

