

# 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
4 quarts =	1 gallon
31.5 gal. =	1 barrel

3 tsp =	1 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 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

2 pints =	1 quart
4 quarts =	1 gallon
8 quarts =	2 gallons or 1 peck
4 pecks =	8 gallons or 1 bushel
16 ounces =	1 pound
2000 lbs. =	1 ton

### *Conversion of US Weight and Mass Measure to Metric System*

.0353 ounces =	1 gram
1/4 ounce =	7 grams
1 ounce =	28.35 grams
4 ounces =	113.4 grams
8 ounces =	226.8 grams
1 pound =	454 grams
2.2046 pounds =	1 kilogram
.98421 long ton or 1.1023 short tons =	1 metric ton

## Linear Measure

12 inches =	1 foot
3 feet =	1 yard
5.5 yards =	1 rod
40 rods =	1 furlong
8 furlongs (5280 feet) =	1 mile
6080 feet =	1 nautical mile

### *Conversion of US Linear Measure to Metric System*

1 inch =	2.54 centimeters
1 foot =	.3048 meters
1 yard =	.9144 meters
1 mile =	1609.3 meters or 1.6093 kilometers
.03937 in. =	1 millimeter
.3937 in. =	1 centimeter
3.937 in. =	1 decimeter
39.37 in. =	1 meter
3280.8 ft. or .62137 miles =	1 kilometer

To convert a Fahrenheit temperature to Centigrade,  
do the following:

a. Subtract 32    b. Multiply by 5    c. Divide by 9

To convert Centigrade to Fahrenheit, do the following:

a. Multiply by 9    b. Divide by 5    c. Add 32

# Metric Conversions Study Guide For Hesi

**David Baud**



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