**METRIC MEASURES**

**LINEAR MEASURE**

10 millimeters ................1 centimeter

10 centimeters ..............1 decimeter

10 decimeters ..............1 meter

10 meters ......................1 dekameter

10 dekameters ............1 hectometer

10 hectometers..............1 kilometer

**SQUARE MEASURE**

100 sq. millimeters ......1 sq. centimeter

100 sq. centimeters ......1 sq. decimeter

100 sq. deicimeters ......1 sq. meter

100 sq. meters ..............1 sq. dekameter

100 sq. dekameters ......1 sq. hectometer

100 sq. hectometers ......1 sq. kilometer

**LIQUID MEASURE**

10 milliliters ..................1 centiliter

10 centiliters ..................1 deciliter

10 deciliters ..................1 liter

10 liters ........................1 dekaliter

10 dekaliters ................1 hectoliter

10 hectoliters ................1 kiloliter

**WEIGHTS**

10 milligrams ................1 centigram

10 centigrams................1 decigram

10 decigrams ................1 gram

10 grams ......................1 dekagram

10 dekagrams................1 hectogram

10 hectograms ..............1 kilogram

100 kilograms ..............1 quintal

10 quintals ....................1 ton

**CUBIC MEASURE**

1,000 cu. millimeters ....1 cu. centimeter

1,000 cu. centimeters ....1 cu. decimeter

1,000 cu. decimeters ....1 cu. meter

**METRIC EQUIVALENTS**

**SQUARE MEASURE**

1 sq. centimeter ............0.1550 squarc incl1

1 square inch ................6.452 sq. centimeters

1 sq. decimeter ..............0.1076 square foot.

1 square foot ................9.2903 sq. decimeters

1 square meter ..............1,196 square yards

1 square yard ................0.8361 square meter

1 acre ..........................3,954 square rods

1 square rod ..................0.2529 acre

1 hectare ......................2.47 acres

1 acre ..........................0.4047 hectare

1 sq. kilometer ..............0.386 square mile

1 square mile ................2.59 sq. kilometers

**METRIC EQUIVALENTS (continued)**

**WEIGHTS**

1 gram ..........................0.03527 ounce

1 ounce ........................28.35 grams

1 kilogram ....................2.2046 pounds

1 pound ........................0.4536 kilogram

1 metric ton ..................1.1023 English tons

1 English ton ................0.9027 metric ton

**APPROXIMATE EQUIVALENTS**

1 decimeter ..................4 inches

1 liter..............................1.06 qts. fl., 0.9 qt. dry

1 meter ........................1.1 yards

1 kilometer ....................5/8 of a mile

1 hectoliter ....................2-5/8 bushels

1 hectare ......................2-1/2 acres

1 kilogram ....................2-1/5 pounds

1 cubic meter ................1/4 of a cord

1 metric ton ..................1.1 English tons

**LINEAR MEASURE**

1 centimeter ..................0.3937 inch

1 inch ............................2.54 centimeters

1 decimeter ..................3.937 inches

1 foot ............................3.048 decimeters

1 meter ........................39.37 inches

1 yard ..........................0.9144 meter

1 dekameter ..................... 1.9884 rods

1 rod ............................0.5029 dekameter

1 kilometer ....................0.62137 mile

1 mile ............................1.6093 kilometers

**MEASURE OF VOLUME**

1 cu. centimeter ............0.061 cubic inch

1 cubic inch ..................16.39 cu. centimeters

1 cubic decimeter ........0.0353 cubic foot

1 cubic foot ..................28.347 cu. decimeters

1 cubic meter ................1.308 cubic yards

1 cubic yard ..................0.7646 cubic meter

1 stere ..........................0.2759 cord

1 cord ..........................3.624 steres

1 liter..............................0.908 quart dry

1 liter..............................1.0567 quarts liquid

1 quart dry ....................1.101 liters

1 quart liquid ................0.9463 liter

1 dekaliter ....................2.6417 gallons

1 gallon ........................0.3785 dekaliter

1 peck ........................... 0.881 dekaliter

1 hectoliter ....................2.8375 bushels

1 bushel ........................0.3524 hectoliter

**Temperature Conversion**

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