

Name: _____ Date: _____
Chemistry

Worksheet



Conversions I

DIRECTIONS: Complete the following conversion factors.

_____ centimeters = 1 inch

_____ liter = 1.06 quarts

_____ grams = 1 pound

_____ minutes = 1 hour

_____ feet = 1 mile

_____ inches = 1 foot

_____ seconds = 1 minute

_____ cups = 1 pint

_____ pints = 1 quart

_____ pounds = 1 kilogram

_____ ounces = 1 cup

_____ quart = 1 gallon

DIRECTIONS: Complete the following metric conversion factors.

_____ centimeters = 1 meter

_____ milliliters = 1 liter

_____ grams = 1 kilogram

_____ millimeters = 1 centimeter

_____ centimeters = 1 kilometer

_____ cm^3 = 1 mL

DIRECTIONS: Do the following conversions.

_____ 1) Convert 870 kilograms to pounds.

_____ 2) Convert 82 miles to feet.

_____ 3) Convert 45 quarts to gallons.

_____ 4) Convert 0.347 kilometers to miles.

**"Nourish the mind like you would your body."
-- Jim Rohn**