

College Chemistry Conversion Unit

Name: _____

Date: _____

A car travels at 60 kilometers per hour. Convert this speed to meters per second.

A room is 20 feet long, 15 feet wide, and 10 feet high. Convert its volume to cubic meters.

A substance has a density of 2.70 g/cm^3 . Convert this density to kg/m^3 .

How many liters of water are there in 2.5 cubic meters?

Convert 1500 square inches to square centimeters. (1 inch = 2.54 cm)

How many milliliters are there in 2.75 liters?

Convert 7.5 kilometers to miles. (1 mile = 1.60934 km)

Convert 100 cubic centimeters to liters.

A piece of metal has a mass of 250 grams and a volume of 50 cubic centimeters. Convert its density to kilograms per cubic meter.

Convert 10,000 square meters to hectares. (1 hectare = 10,000 square meters)