Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Conversions

1. Gold has density of 19.3 g/cm3. What is the volume of 10.0 lbs. of gold?
2. You are riding down a street in Canada going 2 km/min. What is your rate of speed in m/s?

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1. Convert 100.0 cm3 to m3
2. Convert 1.0 in2 to cm2
3. Convert 42 m3 to in3
4. Pre-1982 pennies are made from copper which has a density of 8.92 g/ml. If you had a stack of pennies with a volume of 950 in3, what would be the mass of all your pennies in kilograms?