

Name: _____ Section: _____

Chem 1061 Quiz 1

1. Four cubes of equal mass are made of lead (density = 11.3 g/cm^3), silver (10.5 g/cm^3), iron (7.90 g/cm^3), and aluminum (2.70 g/cm^3). Which cube has the longest edge?

2. If the cube you mentioned above has a mass of 21.6 g, what are the dimensions of that cube, in cm? Show your work on the back.