1. A student measures the width of a wire to be 7.2 mm. How many kilometers is this?
2. A student determined the density of zinc to be 5.22 g/cm3. The correct value is 7.13 g/cm3. Find the percent error in her measurement.
3. Solve the following equation for the variable *c*. 4.6 = 0.290
 c 650
4. A cube measuring 6.5 cm per side has a mass of 22 g. Find the density of the cube.
5. The density of a gas is 0.0010g/cm3. Find the mass of 380 cm3 of this gas.
6. The density of a block of wood is 0.51 g/cm3. What is the volume of this block if its mass is 46.g
7. You are cooking and need two tablespoons of mustard for six servings of your dish. How many cups of mustard do you need for thirty six servings? (4 tablespoons = ¼ cup)
8. Convert 3692 grams to kilograms.
9. Convert 2016 minutes to days