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**Density Worksheet**

**Directions:** Solve each problem below. Show your work and circle your answers.

**Example:** A student has a sample of aluminum that has a mass of 27 g and a volume of 10 cm3. What is the density of aluminum?

 **Density = mass/ volume**

 **Density= 27g/ 10 cm3**

 **Density= 2.7 g/cm3**

1. A loaf of bread has a mass of 500 g and a volume of 2500 cm3. What is the density of the bread?
2. What is the density of benzene in g/L if 7.2 L of benzene weigh 5.7 grams?
3. An unknown substance has a volume of 113 L and has a mass of 467g. What is its density in g/L?
4. What is the density of a block of wood with a mass of 75 g and a volume of 100 mL?