



Sample Density Problems

- 1. Find the density of an object whose mass is 8.76 g and volume is 3.07 ml.**
- 2. Find the density of a substance whose mass is .61g and whose volume is .26 ml.**
- 3. An object's density is 2.72 g/ml. When it is placed in a graduated cylinder the water level rises from 20.0 ml to 44.9 ml. What is the mass of this object?**
- 4. A substance has a density of 2.50 g/cm³. What is the volume of 7.91 g?**
- 5. A substance has a density of 1.84 g/ cm³. What is the mass of 7.62 cm³ of the substance?**