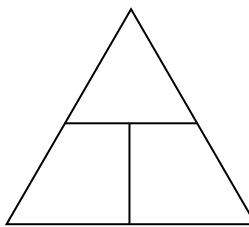# Density Problems: WS #1

Name:_____

V is in milliliters (mL) or cubic centimeters (cm^3)
M is in grams (g)
D is in g/mL or g/cm^3

1.) Find the density of a substance whose volume is 5 mL and whose mass is 25 g.

2.) Calculate the mass of a substance whose density is 0.2 g/mL and whose volume is 45 mL.

3.) Find the volume of a substance whose density is 4 g/mL and mass is 4.1 g.

4.) Find the mass of a substance whose density is 8.1 g/mL and volume is 2.95 mL.

5.) Find the volume of a substance whose density is 1.93 g/mL and mass is 31.3 g.

6.) Find the density of a substance whose volume is 45.2 mL and mass is 5 g.

7.) Calculate the volume of a substance whose density is 0.90g/mL and mass is 7.1 g.

8.) Calculate the mass of a substance whose volume is 3.15 mL and density is 0.79 g/mL.

9.) If a substance has a volume of 5.1 mL and a mass of 2.7 g, what is its density?

10.) If a substance has a volume of 10 mL and its density is 1.26 g/mL, what is its mass?