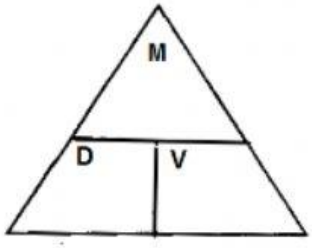
5) Calculate the density of sulfuric acid if 35.4 mL of the acid has a mass of 65.14 g.

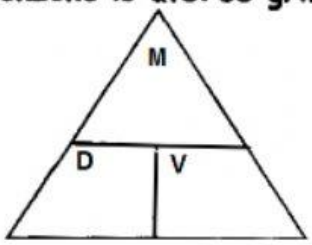


Units
mL g g/mL

answer

round to 2 decimals

6) Find the mass of 250.0 mL of benzene. The density of benzene is 0.8765 g/mL.

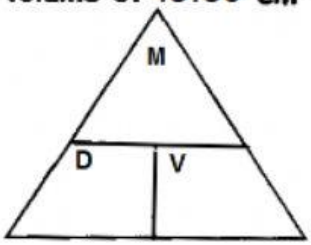


Units
mL g g/mL

answer

round to 2 decimals

7) What is the density of iron if it has a mass 385 g and a volume of 45.50 cm^3

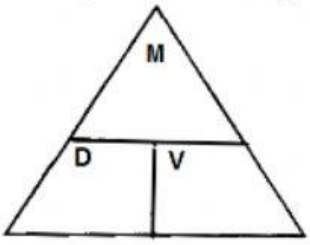


Units
cm^3 g g/cm^3

answer

round to 2 decimals

8) What is the volume of silver metal that has a mass of 2500.0 g. The density of silver is 10.5 g/cm^3.



Units
cm^3 g g/cm^3

answer

round to 2 decimals

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