

Home assignment

1. 24g

2. ★ Density bottles are mainly used to determine the density of liquids of moderate viscosity.

★ When bottle is filled with liquid and stopper is inserted, the excess liquid rises through the hole and drains out.

3. A piece of aluminium of any volume has mass 2.7 times that of equal volume of water.

4. Density

★ It is defined as the ratio of mass and volume.

★ It is measured in kg/m^3 .

Relative density

★ It is the ratio of density of substance and density of reference substance.

★ It has no units.

5. 20ml

6. a) 22g b) 50g c) 54g