

Density, Mass, Volume

Increasingly
Difficult
Exercises

- a) Density of an object with volume 2m^3 weighing 500kg.
- b) Volume of an object with a density of 10g/cm^3 and weighs 250g.
- c) Weight of an object with a density of 20g/cm^3 and volume 15cm^3 .
- d) Density of an object with volume 4.5m^3 weighing 360kg.
- e) Volume of an object with a density of 7.5g/cm^3 and weighs 45g.
- f) Weight of an object with a density of 12g/cm^3 and volume 7.25cm^3 .
- g) Density of a cuboidal object measuring 3cm by 5cm by 10cm, weighing 825kg.
- h) Volume of an object with a density of 15g/cm^3 and weighs 2kg.
- i) Weight of a cuboidal object with density 25g/cm^3 and measures 2cm by 5cm by 3cm.
- j) Density of a cube with sidelength 0.6m, weighing 27kg.
- k) Sidelength of a cube with a density of 10g/cm^3 and weighs 1.25kg.
- l) Weight of a cube with a density of 19.7g/cm^3 and sidelength 23mm.

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