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• Density represents the amount of _____ per unit of _____.

Density Formula

Density = _____

- □ For solids and liquids, the units are in _____ or ____.
- □ Since gases are less dense, the units are in _____ or ____.

EXAMPLE: If the density of an unknown metal is 21.4 g/cm³, express its density in lb/ft³.

PRACTICE: When lead levels in blood exceed 0.80 ppm (parts per million) the level is considered dangerous. 0.80 ppm means that 1 million g of blood would contain 0.80 g of Pb. Given that the density of blood is 1.060 kg/cm³, how many grams of Pb would be found in 400.00 mL of blood at 0.620 ppm?