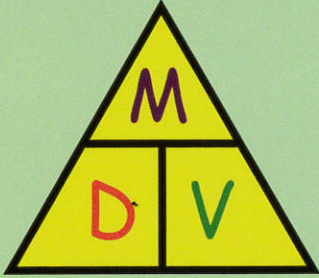




Density



A piece of metal has a volume of 50cm^3 and a mass of 800g .
Calculate the density of the metal

$$\text{Density} = \frac{\text{Mass}}{\text{Volume}}$$

$$\text{Mass} = \text{Density} \times \text{Volume}$$

$$\text{Volume} = \frac{\text{Mass}}{\text{Density}}$$

$$\text{Density} = \frac{\text{Mass}}{\text{Volume}}$$



$$= \frac{800}{50}$$

$$= 16\text{g/cm}^3$$