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1.  $D = \frac{\text{Mass}}{\text{Volume}}$

$\text{Volume}$

$$= \frac{454g}{2270 \text{ cm}^3}$$

$$= 0.2 \text{ g/cm}^3$$

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

$$= \frac{800g}{8 \text{ g/cm}^3}$$

$$= 100 \text{ cm}^3$$

$$= 100 \text{ cm}^3$$

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

$$= 0.69 \text{ g/cm}^3 \times 1.2$$

$$= 0.828g$$

4)  $\text{Mass} = \text{Density} \times V$

$$= 7.87 \times 100$$

$$= 787g$$

$$V = 10 \times 2 \times 5$$

$$= 100$$