

Convert 3598 grams
into pounds.

Hint: $1 \text{ lb} = 454 \text{ g}$

Convert 3,598 grams into pounds.

Hint: 1 lb = 454 g

Solution:

$$\frac{3,598 \cancel{g}}{1} \times \frac{1 \text{ lb}}{454 \cancel{g}} = \frac{3,598 \text{ lb}}{454} = 7.93 \text{ lb}$$

A block has a volume of 0.2587 in^3 . What is the volume of the block in cm^3 ?

Hint: $1 \text{ in} = 2.54 \text{ cm}$

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Solution:

$$\frac{0.2587 \cancel{\text{in}}^3}{1} \times \frac{2.54 \text{ cm}}{\cancel{1 \text{ in}}} \times \frac{2.54 \text{ cm}}{\cancel{1 \text{ in}}} \times \frac{2.54 \text{ cm}}{\cancel{1 \text{ in}}} = \frac{4.24 \text{ cm}^3}{1} = 4.24 \text{ cm}^3$$