Volume of a Rectangular Prism

To find the volume of a rectangular prism, multiply the length by the width by the height.

\[ V = l \times w \times h \]

\[ V = 0.6 \text{ cm} \times 1 \text{ cm} \times 2.4 \text{ cm} \]

\[ V = 1.44 \text{ cm}^3 \]

Calculate the volume of each rectangular prism. Be sure to include units in your answer.

a. 
\[ V = \quad \quad \quad \quad \quad \]

b. 
\[ V = \quad \quad \quad \quad \quad \]

c. 
\[ V = \quad \quad \quad \quad \quad \]

d. 
\[ V = \quad \quad \quad \quad \quad \]

e. 
\[ V = \quad \quad \quad \quad \quad \]

f. 
\[ V = \quad \quad \quad \quad \quad \]

g. 
\[ V = \quad \quad \quad \quad \quad \]

h. 
\[ V = \quad \quad \quad \quad \quad \]

i. 
\[ V = \quad \quad \quad \quad \quad \]

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Calculate the volume of each rectangular prism. Be sure to include units in your answer.

- a.
  \[ V = 0.064 \text{ mm}^3 \]

- b.
  \[ V = 3,174.4 \text{ m}^3 \]

- c.
  \[ V = 0.216 \text{ km}^3 \]

- d.
  \[ V = 2,139 \text{ cm}^3 \]

- e.
  \[ V = 1.6 \text{ mm}^3 \]

- f.
  \[ V = 1,428.84 \text{ m}^3 \]

- g.
  \[ V = 0.392 \text{ km}^3 \]

- h.
  \[ V = 1,136.2 \text{ cm}^3 \]

- i.
  \[ V = 19.683 \text{ m}^3 \]