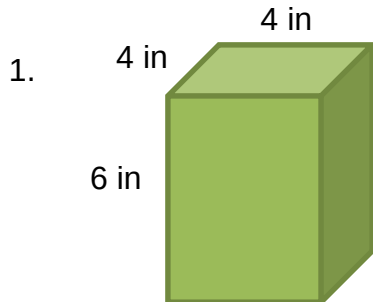


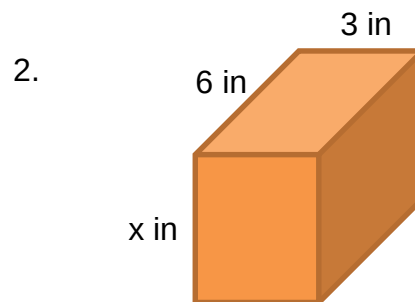
Volume of rectangular prisms

Grade 5 Geometry Worksheet

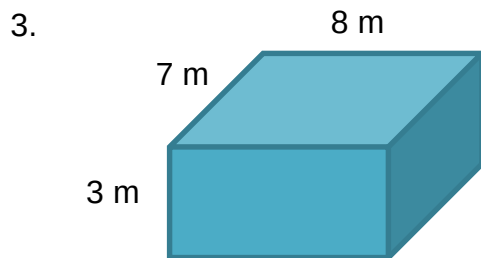
Volume = length x width x height



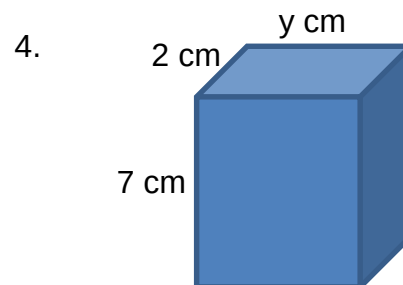
$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ in}^3\end{aligned}$$



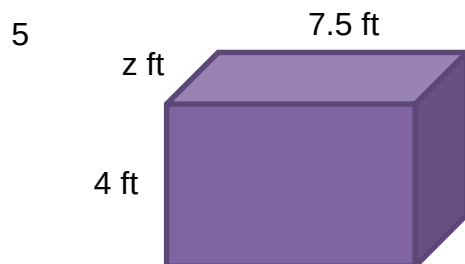
$$\begin{aligned}\text{Volume} &= 90 \text{ in}^3 \\ x &= \underline{\hspace{2cm}}\end{aligned}$$



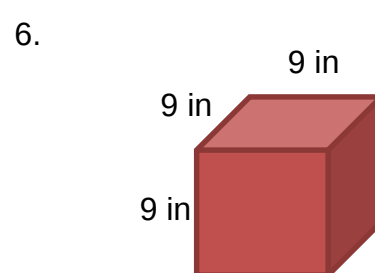
$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ m}^3\end{aligned}$$



$$\begin{aligned}\text{Volume} &= 98 \text{ cm}^3 \\ y &= \underline{\hspace{2cm}}\end{aligned}$$



$$\begin{aligned}\text{Volume} &= 60 \text{ ft}^3 \\ z &= \underline{\hspace{2cm}}\end{aligned}$$



$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \text{ in}^3\end{aligned}$$

Answers

1. Volume = 4 in x 4 in x 6 in
 = 96 in³

2. x = 5 in

3. Volume = 3 m x 7 m x 8 m
 = 168 m³

4. y = 7 cm

5. z = 2 ft

6. Volume = 9 in x 9 in x 9 in
 = 729 in³