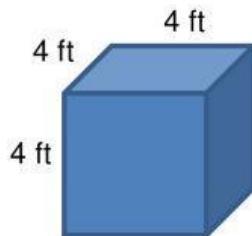


Volume of rectangular prisms

Grade 4 Geometry Worksheet

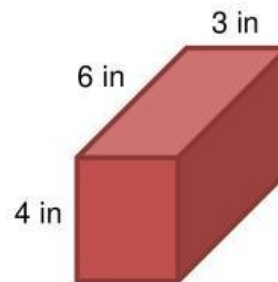
Volume = length x width x height

1.



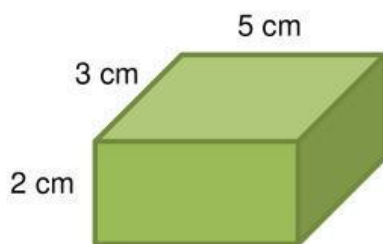
$$\begin{aligned}\text{Volume} &= \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \\ &= \underline{\hspace{1cm}} \text{ ft}^3\end{aligned}$$

2.



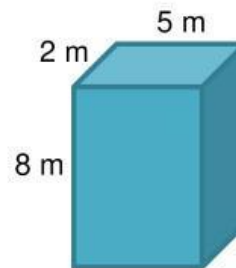
$$\begin{aligned}\text{Volume} &= \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \\ &= \underline{\hspace{1cm}} \text{ in}^3\end{aligned}$$

3.



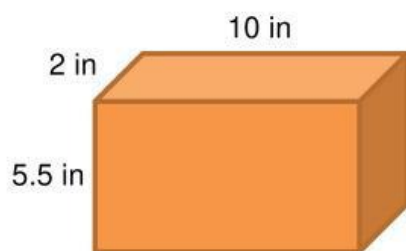
$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{1cm}} \text{ cm}^3\end{aligned}$$

4.



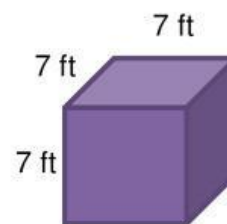
$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{1cm}} \text{ m}^3\end{aligned}$$

5



$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{1cm}} \text{ in}^3\end{aligned}$$

6.



$$\begin{aligned}\text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\hspace{1cm}} \text{ ft}^3\end{aligned}$$

Answers

1. Volume = 4 ft x 4 ft x 4 ft
 = 64 ft³
2. Volume = 4 in x 3 in x 6 in
 = 72 in³
3. Volume = 2 cm x 3 cm x 5 cm
 = 30 cm³
4. Volume = 2 m x 8 m x 5 m
 = 80 m³
5. Volume = 2 in x 10 in x 5.5 in
 = 110 in³
6. Volume = 7 ft x 7 ft x 7 ft
 = 343 ft³