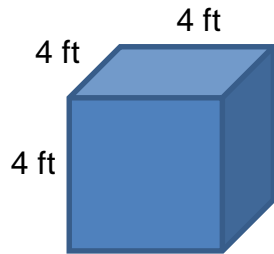


Volume of rectangular prisms

Grade 4 Geometry Worksheet

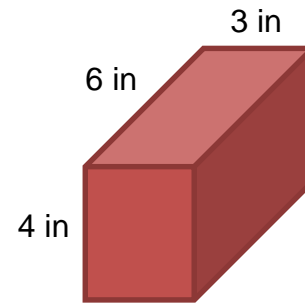
Volume = length x width x height

1.



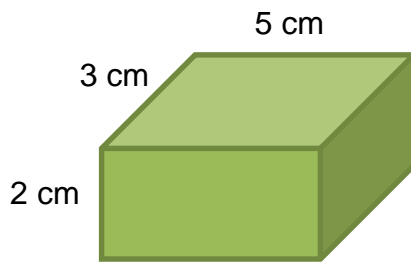
$$\begin{aligned} \text{Volume} &= \underline{\quad} \times \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} \text{ft}^3 \end{aligned}$$

2.



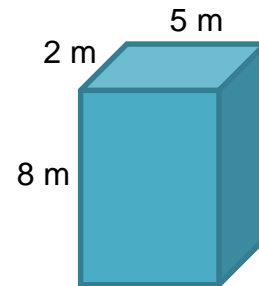
$$\begin{aligned} \text{Volume} &= \underline{\quad} \times \underline{\quad} \times \underline{\quad} \\ &= \underline{\quad} \text{in}^3 \end{aligned}$$

3.



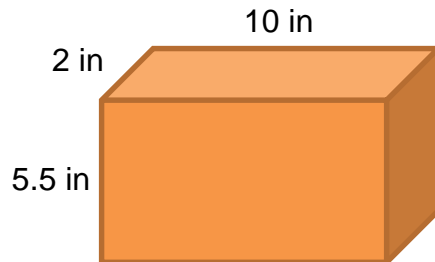
$$\begin{aligned} \text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\quad} \text{cm}^3 \end{aligned}$$

4.



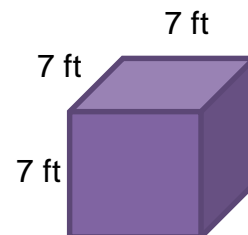
$$\begin{aligned} \text{Volume} &= \underline{\hspace{2cm}} \\ &= \underline{\quad} \text{m}^3 \end{aligned}$$

5.



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

6.



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

Answers

1. Volume = $4 \text{ ft} \times 4 \text{ ft} \times 4 \text{ ft}$
= 64 ft^3
2. Volume = $4 \text{ in} \times 3 \text{ in} \times 6 \text{ in}$
= 72 in^3
3. Volume = $2 \text{ cm} \times 3 \text{ cm} \times 5 \text{ cm}$
= 30 cm^3
4. Volume = $2 \text{ m} \times 8 \text{ m} \times 5 \text{ m}$
= 80 m^3
5. Volume = $2 \text{ in} \times 10 \text{ in} \times 5.5 \text{ in}$
= 110 in^3
6. Volume = $7 \text{ ft} \times 7 \text{ ft} \times 7 \text{ ft}$
= 343 ft^3