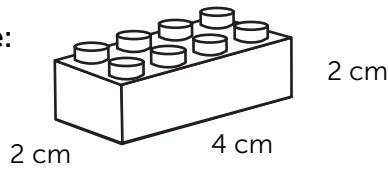
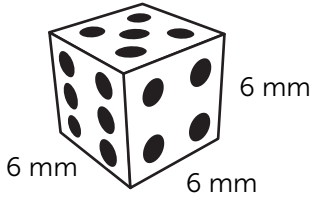


Answers**How Much Space is There?**

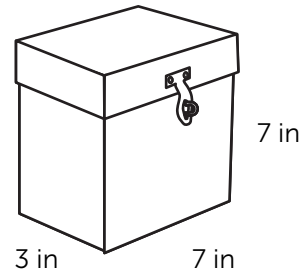
Directions: Find out how much you can fit in each space. Find the volume for each item.

Example:

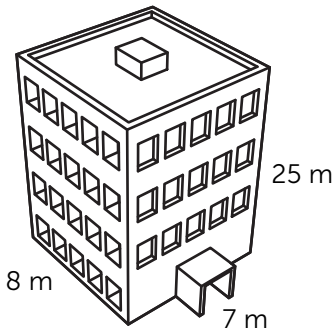
$$\frac{4 \text{ cm}}{\text{(length)}} \times \frac{2 \text{ cm}}{\text{(width)}} \times \frac{2 \text{ cm}}{\text{(height)}} = \underline{16 \text{ cm}^3}$$

1.

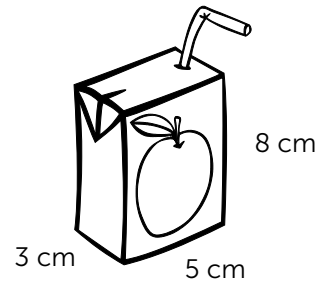
$$\frac{6 \text{ mm}}{\text{(length)}} \times \frac{6 \text{ mm}}{\text{(width)}} \times \frac{6 \text{ mm}}{\text{(height)}} = \underline{216 \text{ mm}^3}$$

2.

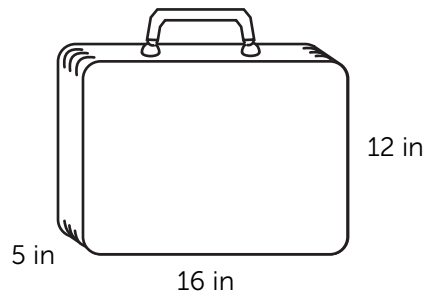
$$\frac{3 \text{ in}}{\text{(length)}} \times \frac{7 \text{ in}}{\text{(width)}} \times \frac{7 \text{ in}}{\text{(height)}} = \underline{147 \text{ in}^3}$$

3.

$$\frac{8 \text{ m}}{\text{(length)}} \times \frac{7 \text{ m}}{\text{(width)}} \times \frac{25 \text{ m}}{\text{(height)}} = \underline{1400 \text{ m}^3}$$

4.

$$\frac{3 \text{ cm}}{\text{(length)}} \times \frac{5 \text{ cm}}{\text{(width)}} \times \frac{8 \text{ cm}}{\text{(height)}} = \underline{120 \text{ cm}^3}$$

5.

$$\frac{5 \text{ in}}{\text{(length)}} \times \frac{16 \text{ in}}{\text{(width)}} \times \frac{12 \text{ in}}{\text{(height)}} = \underline{960 \text{ in}^3}$$