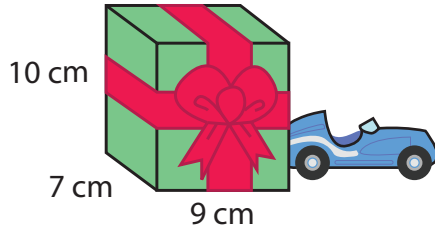


Christmas Calculations: Volume

Volume is the measure of space inside of a solid object.

You can measure the volume of the Christmas presents in **cubic units (in³, cm³, ft³)**.



This could be a small toy car or earrings!

To find the volume multiply the length (**l**) by the width (**w**) by the height (**h**).

$$l \times w \times h = \text{Volume (V)}$$

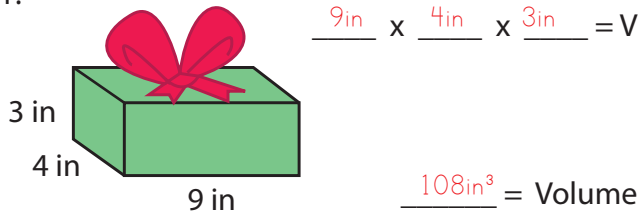
$$9 \text{ cm} \times 7 \text{ cm} \times 10 \text{ cm} = \text{Volume (V)}$$

$$630 \text{ cm}^3 = \text{Volume (V)}$$

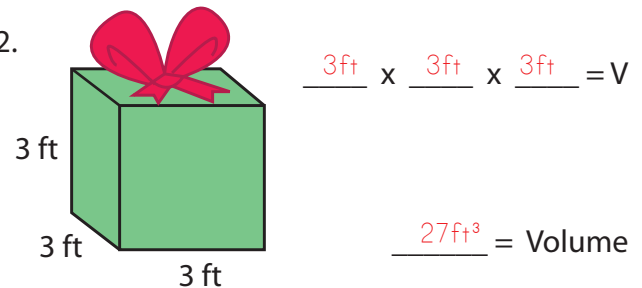
Think about some objects that might fit in a 630 cm³ box.

Directions: Calculate the volume of each solid using the equation $l \times w \times h = \text{volume}$.

1.



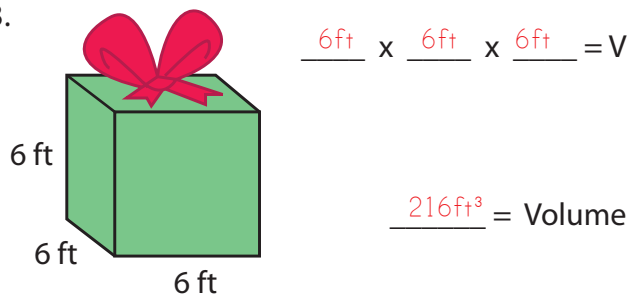
2.



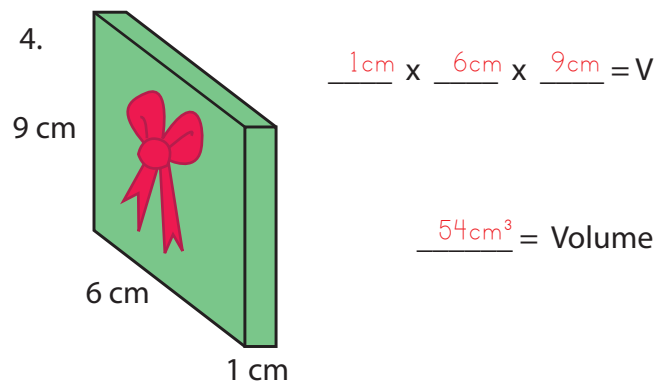
What would fit in this box? book, box of cars, etc.

What would fit in this box? stuffed animal, etc.

3.



4.



What would fit in this box? dollhouse, etc.

What would fit in this box? book, calendar, etc.