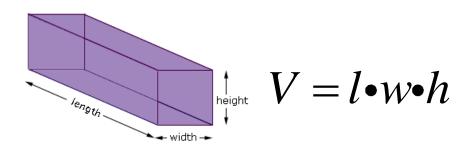
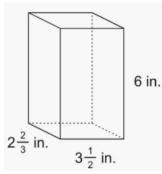
Volume of a Rectangular Prism





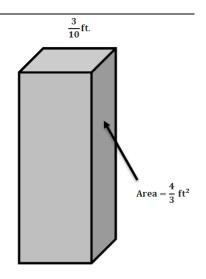
$$V = B \cdot h$$
 $B = \text{Area of the Base}$

1. Find the Volume of the Rectangular Prism

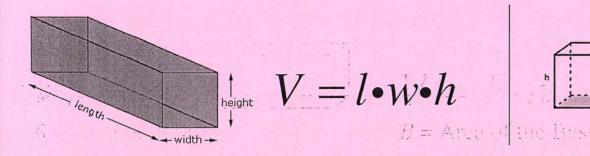


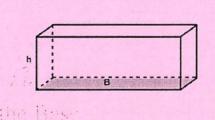
1. The area of the base of a rectangular prism is 12 cm^2 and the height is $3\frac{1}{3}$ cm. Determine the volume of the rectangular prism.

- 2. A pet carrier company is creating a new size carrier in the shape of a rectangular prism. It has a width of 27 cm, a length of 7 cm, and a volume of 6,426 cubic cm. Find the height.
- 2. Calculate the Volume.



Volume of a Rectangular Prism





$$V = B \cdot h$$

B = Area of the Base

1. Find the Volume of the Rectangular Prism dangular pattern

$$V = 2\frac{2}{3} \cdot 3\frac{1}{2} \cdot \frac{6}{1}$$

$$V = \frac{48}{3} \cdot \frac{7}{2} \cdot \frac{8^{2}}{1} = \frac{56}{1}$$

$$V = \frac{1}{3} \cdot \frac{1}{2} \cdot \frac{1}{1} = \frac{1}{1}$$

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2. A pet carrier company is creating a new size carrier in the shape of a rectangular prism. It has a width of 27 cm, a length of 7 cm, and a volume of 6,426 cubic cm. Find the height.

1. The area of the base of a rectangular prism is 12 cm^2 and the height is $3\frac{1}{3}$ cm. Determine the volume of the rectangular prism.

$$V = 12 \cdot 3\frac{1}{3}$$

$$V = \frac{12}{1} \cdot \frac{10}{3}$$

$$V = 40 \text{ cm}^{3}$$

2. Calculate the Volume.

$$V = \frac{3}{13} \cdot \frac{3}{10} \cdot \frac{3}{$$

