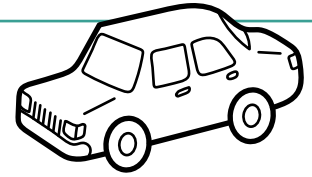


Base, Volume, and Word Problems, Oh My!

Directions: Find the volume for each word problem.

Example: My mom bought a car that has a base of 30 square feet and a height of 5 feet. What is the volume?

$$\frac{30 \text{ ft}}{\text{(base)}} \times \frac{5 \text{ ft}}{\text{(height)}} = \frac{150 \text{ ft}^3}{\text{(volume)}}$$



1. I have a house that has a base of 130 square feet and a height of 20 feet. What is the volume?
2. My hamster's cage has a base of 28 square inches and a height of 9 inches. What is the volume?
3. The space under my bed has a base of 24 square feet and a height of 1 foot. What is the volume?
4. The fireplace in the living room has a base of 3 square feet and a height of 2 feet. What is the volume?
5. My closet has a base of 6 square meters and a height of 8 meters. What is the volume?