

Lesson 1-4 • Apply Day

Reinforce Understanding

1.4 • Part II

I can construct an argument using equations, drawings, or words, and use volume to defend a recommendation.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Find the volume of a new prism with dimensions 5 by 3 by 2.

Complete each step, then write the final answer.

1. Base area: $5 \times 3 = \underline{\hspace{1cm}}$.
2. Volume: $15 \times 2 = \underline{\hspace{1cm}}$.
3. Label the answer in $\underline{\hspace{1cm}}$ units.

Answer: _____

2. Find the volume of a new prism with dimensions 6 by 5 by 5.

Complete each step, then write the final answer.

1. Base area: $6 \times 5 = \underline{\hspace{1cm}}$.
2. Volume: $30 \times 5 = \underline{\hspace{1cm}}$.
3. Label the answer in $\underline{\hspace{1cm}}$ units.

Answer: _____

3. Find the volume of a new prism with dimensions 7 by 7 by 3.

Complete each step, then write the final answer.

1. Base area: $7 \times 7 = \underline{\hspace{1cm}}$.
2. Volume: $49 \times 3 = \underline{\hspace{1cm}}$.
3. Label the answer in $\underline{\hspace{1cm}}$ units.

Answer: _____