Name _____ Date _____ Period _____

Lesson 5-10 · Apply Day

Reinforce Understanding

5.10 · Part II

I can find the volume of a rectangular prism, including ones with fractional edge lengths, using base area × height.

Practice

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

1. (Lesson 5.4) A composite figure has rectangles 5×3 and 2×3. Find the total area.

Complete each step, then write the final answer.

1. First rectangle: 5 × 3 = ___.
2. Second rectangle: 2 × 3 = ___.
3. Add both areas: ___.

Answer: _____

2. (Lesson 5.4) A composite figure has rectangles 6×5 and 5×5. Find the total area.

Complete each step, then write the final answer.

1. First rectangle: 6 × 5 = ___.
2. Second rectangle: 5 × 5 = ___.
3. Add both areas: ___.

Answer: _____

3. (Lesson 5.5) 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 × 3 = ___.
2. Volume: 15 × 2 = ___.
3. Label the answer in ___ units.

Answer: _____