Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Sebastian stores his baseball cards in a box like this one.



Use the numbers and symbols below to enter a formula that represents the volume of the box.

Symbols may be used more than once or not at all.

V 4 6 10 × ÷ + −

The formula for the volume of the box is \_\_\_\_\_ = \_\_\_\_\_ ☐ \_\_\_\_\_ ☐ \_\_\_\_\_

The volume of the box is \_\_\_\_\_\_\_\_\_\_ cubic centimeters.

2. What is the volume of the composite figure?

The volume of the composite figure is \_\_\_\_\_\_\_\_\_ cubic feet.

3.

  \_\_\_\_\_\_ unit cubes would be needed to build the figure.

  \_\_\_\_\_\_ unit cubes would be needed to build the figure.

  \_\_\_\_\_\_ unit cubes would be needed to build the figure.

4. Gianna used 1-inch cubes to build the rectangular prism shown.

Find the volume of the rectangular prism Gianna built.



The volume of the rectangular prism Gianna

built is \_\_\_\_\_\_\_\_\_\_ cubic centimeters.