1. Find the volume of this prism.
$\qquad$ $u^{3}$

Write the multiplication sentence that shows how you calculated the volume. Be sure to include the units.

Write a number sentence that can be used to calculate the volume of each rectangular prism. Then find the volume of each rectangular prism.
2.


Volume: $\qquad$
3.


Volume: $\qquad$

Find the total volume of the figures, and record your solution strategy.
4.

5.

6. A storage shed is a rectangular prism and has dimensions of 6 meters by 5 meters by 12 meters. If Jean were to double these dimensions, she believes she would only double the volume. Is she correct? Explain why or why not. Include a drawing in your explanation.
7. Sketch a rectangular prism that has a volume of 36 cubic cm . Label the dimensions of each side on the prism. Fill in the blanks that follow.

Height: $\qquad$ cm

Length: $\qquad$ cm

Width: $\qquad$ cm

Volume: $\qquad$ cubic cm

