1. A right rectangular prism with a length of 5 centimeters, a width of 3 centimeters, and a height of 6 centimeters and its composition are shown. Complete each multiplication expression to match the composition.
a.

b.

$(5 \times 3) \times$ $\qquad$
$\qquad$ $\times$ $\qquad$ ) $\times 3$
c.

$\qquad$ $\times$ $\qquad$ $) \times$ $\qquad$

Find the volume of each right rectangular prism.
2.

3.

4.

5.

6. Use the right rectangular prism shown to complete parts (a) and (b).

a. Fill in the blanks to complete the equation that represents the volume of the right rectangular prism.

$$
200=ـ_{<} \times \ldots
$$

b. What is the value of $l$ ?

Find the unknown edge length of each right rectangular prism. Show your work.


The volume is 140 cubic centimeters.
8.


The volume is 90 cubic inches.

