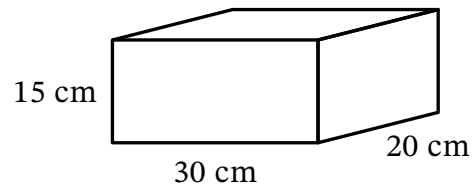

Name

Date

The right rectangular prism shown represents a fish tank. Use the prism to complete problems 1–3.



1. What is the volume of the fish tank?
2. How many milliliters of water does the fish tank hold?
3. How many liters of water does the fish tank hold?

-
4. A right rectangular prism has a volume of 30,000 cubic centimeters. What is one possible length, width, and height for the prism?

REMEMBER

5. Estimate the product to the nearest whole number.

$$4.96 \times 8.38 \approx \underline{\hspace{2cm}}$$

6. Leo makes a mistake when finding 3.74×8 . Consider his work.

$$\begin{array}{r} 3.74 \times 100 \\ \times \quad 8 \\ \hline \end{array} \qquad \begin{array}{r} 374 \\ \times \quad 8 \\ \hline 58 \\ 2,992 \end{array}$$

$$3.74 \times 8 = 2,992$$

- a. What mistake did Leo make?

- b. Find 3.74×8 .