VOLUME OF RECTANGULAR PRISMS

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To practice finding the volume of rectangular prisms.
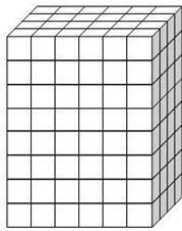
Necessary Information:

The volume of any prism is calculated by finding the area of the base and multiplying it by the height of the prism.
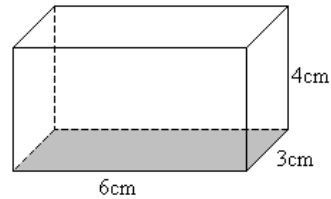
Calculators permitted.

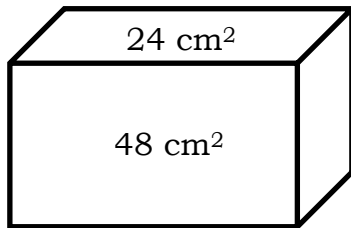**Practice Section:**

1. Find the volume of:

a.

b.

4cm
3cm
6cm

c. A cube that has the side length of 4 cm.

d. A rectangular prism measuring 5 m by 9 m by 4 m

2. What could be the volume of the right rectangular prism below? Label the length, width and height and determine the volume.

length =

width =

24 cm²

height =

48 cm²

Volume =

3. Draw and label with measurements 2 different rectangular prisms that have a volume of 60 cm³.

In _Your_ Real World:

With a family member, find a rectangular prism in your house. It could be a cereal box, textbook, cell phone etc. Use a ruler or measuring tape. Draw your object, label the dimensions and calculate the volume.