## (2.2) Working with Composite Objects

***ACTIVITY ONE:***

1. Search the classroom for a ***simple*** Composite 3-D Object.
2. Sketch the object below. Label the composite shapes as rectangular prisms, triangular prisms or cylinders.

**SKETCH**

3. Sketch each 3-D object separately below and label the dimensions on each one.

**SKETCHES**

4. Find the Volume of your composite shape. (Hint: find the volumes of each shape that is part of the composite shape and add them together).

5. Find the surface area of your composite shape. (Hint: find the area of each exterior surface on your composite shape and add them together).

***ACTIVITY TWO***

6. Search the classroom for a ***more complex*** Composite 3-D Object.
7. Sketch the object below. Label the composite shapes as rectangular prisms, triangular prisms or cylinders.

**SKETCH**

8. Sketch each 3-D object separately below and label the dimensions on each one.

**SKETCHES**

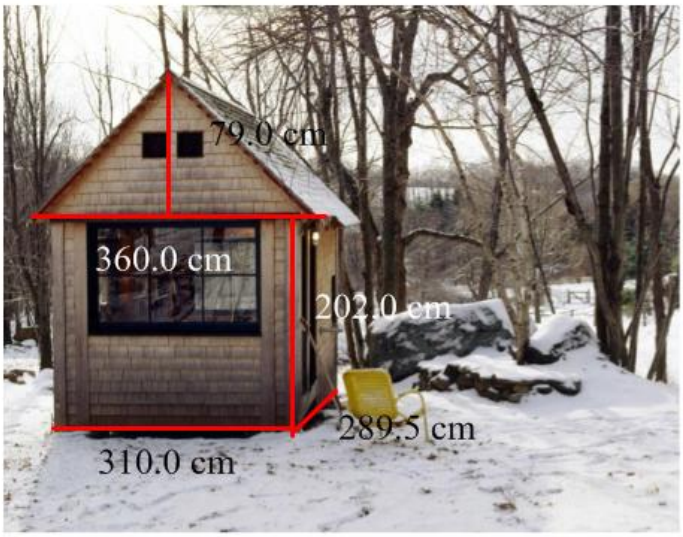
9. Find the Volume of your composite shape. (Hint: find the volumes of each shape that is part of the composite shape and add them together).

10. Find the surface area of your composite shape. (Hint: find the area of each exterior surface on your composite shape and add them together).

Practice:

You work for the local hardware store and you are having a sale on sheds. Your boss asks you to print an ad stating the volume and surface are for the shed that is on sale.

Volume:




Surface Area: