Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximize the Space Lab

Supplies:

* 1 sheet of 8.5 x 11 inch paper
* Scissors
* Tape
* Ruler

1. With your partner you will have 20 minutes to design a container that maximizes the volume.
2. Draw your design clearly with included measurements below.
3. Calculate both the surface area and volume in centimeters.
4. Create your design in 3 dimensions with the other sheet of paper and the tools provided.
5. When you are finished anchor your container to the white board and write your volume and surface area calculations and your names on the board.