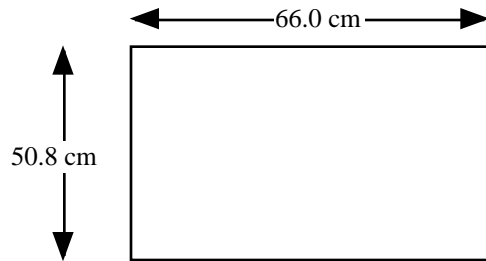


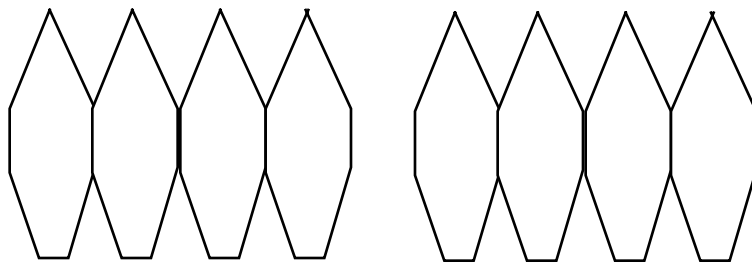
Floating on air. A Hot Idea.

Directions for making a hot air balloon:

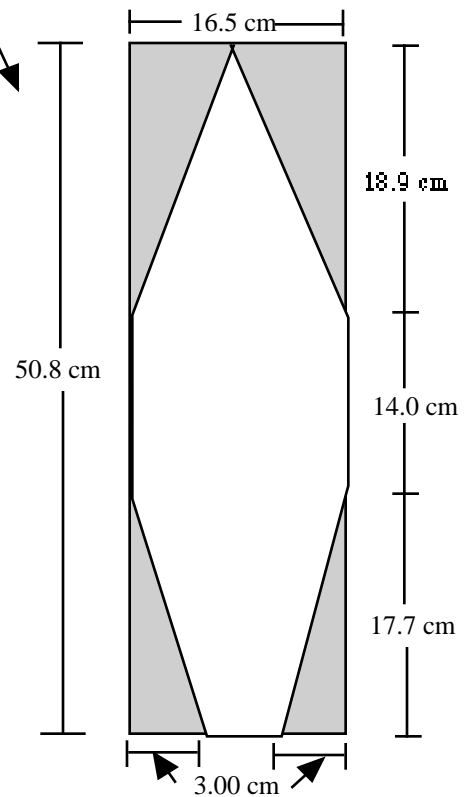
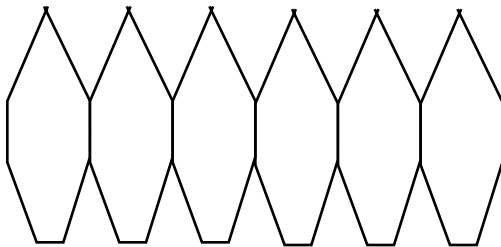
1. In order to build your balloon you will need two pieces of tissue paper, a stick of glue, a ruler, scissors, and 4 paper clips.
2. Place the two pieces of tissue paper on top of each other and orient them longways.



3. Fold them in half and in half again to form a rectangle 19.0 cm x 50.8cm.
4. Draw the following outline on your paper, and cut away the shaded areas.
5. Open up the paper. You should now have eight shapes, four of which are already joined together.



6. Cut one section from each piece and paste the two pieces together.



7. Now paste all of the edges together and put four paper clips on the bottom to stabilize your balloon.
8. Make sure there is nothing highly flammable within 6 feet of your Bunsen Burner.
9. Turn on your Bunsen burner and adjust it so that you have a very short and hot flame. It is important that your flame not be too tall or you will easily catch your balloon on fire.
10. Carefully lower the balloon so that the flame is inside the balloon just beyond the opening and hold it there for about a minute or more. You should start to feel the balloon begin to rise. Continue holding it for several more seconds, carefully lift the balloon straight up off of the burner and release it.

