Solids 1

1. Make a cube, a cylinder, a cone, and a pyramid using the cut-outs provided on the following pages. Your teacher will help you.

2. A face is any of the flat sides of a solid.

   a. Count how many faces a cube has. ________ faces

      What shapes are they?

   b. Count how many faces a box has. ________ faces

      What shapes are they?

   c. Count how many faces this pyramid has. ________ faces

      What shapes are they?

   d. Count how many faces a ball has. ________ faces

      How about the cylinder? It has three faces: the top and bottom circles are two faces, and the third face is “wrapped around” it. And the cone? It has two faces.
3. You might have seen safety cones on the street. They are used to mark off areas where people are not supposed to go. Can you think of other things in real life that are in the shape of a cone, or a part of them is a cone?

(Hint: One thing that is cone-shaped tastes really yummy!)  
(Hint: Another thing you might see in birthday parties.)

4. Label the pictures with box, cube, cylinder, pyramid, or cone.

a.  

b.  

c.  

d.  

e.  

f.  

g.  

h.  

i.  

j.  

k.  

l.  