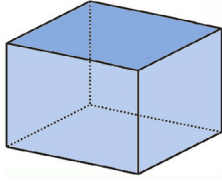# Solids 1

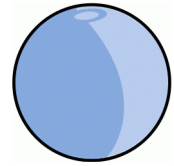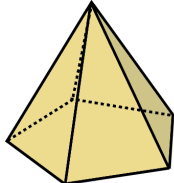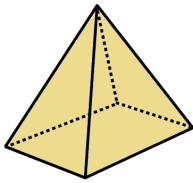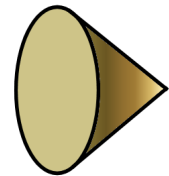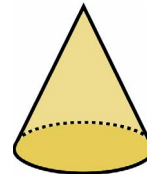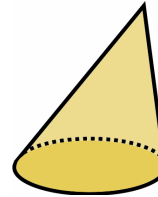|			
This is a **box**. It is also called a "rectangular prism."	A **cube** is a box, too, but all of its sides are <u>equal in length</u>.	A **cylinder** has a circle on the bottom and at the top.	This is a **sphere**, or just a ball.
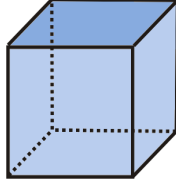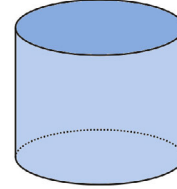
A pyramid has a pointed top. Its bottom shape can be any many-sided figure, such as a triangle, a rectangle, a square, or a pentagon.

<u>**A cone**</u> has a pointed top, as well, but it has a rounded shape on the bottom.

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?
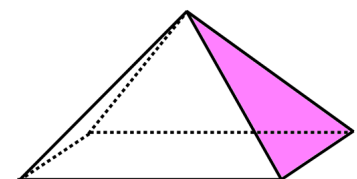
   b. Count how many faces a box has.   _____ faces

   What shapes are they?

   c. Count how many faces this pyramid has.

   _____ faces

   What shapes are they?

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.

_____ _____ _____

Sample worksheet from
www.mathmammoth.com
39
Early Geometry (Blue Series)