

## Classifying Solids

Name\_\_\_\_\_

Take out the solids. Look carefully at the characteristics such as **angles, edges, faces, bases, length of the sides, whether faces are congruent, and whether faces are parallel.**

1. Sort the solids into two categories according to the characteristics above. Do not sort them according to size. Write the rules for the two categories.

### First Sort

Category	Which solids belong in this Category?	What characteristics do these solids have in common?
1		
2		

2. Now, sort the solids into three categories according to their characteristics. Write the rules for the categories.

### Second sort

Category	Which solids belong in this category?	What characteristics do these solids have in common?
1		
2		
3		

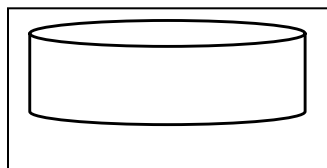
3. Finally, sort the solids into four categories according to their characteristics. Write the rules for the categories.

**Third sort**

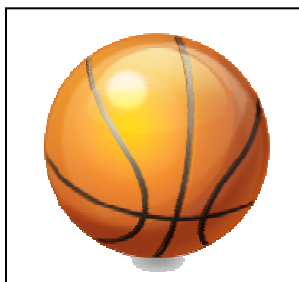
Category	Which solids belong in this category?	What characteristics do these solids have in common?
1		
2		
3		
4		

4. Name each of the three-dimensional shapes below. Write another real-world example for each.

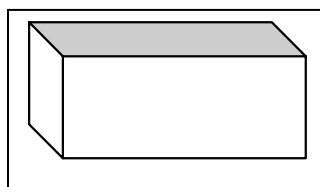
1.



2.



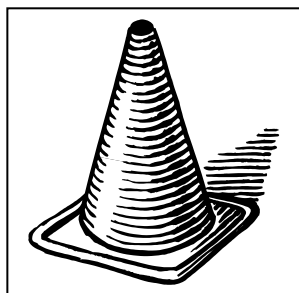
3.



4.



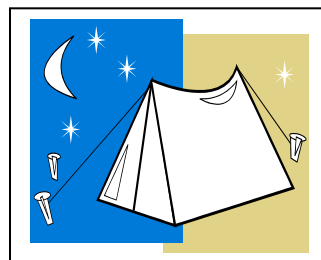
5.



6.



7.



8.

