

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.**

- 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		

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

Second sort


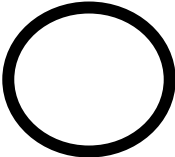
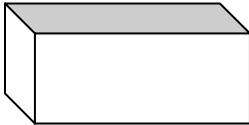
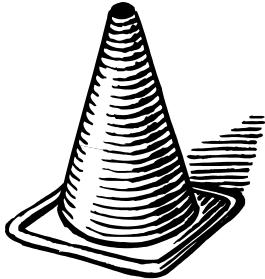
Category	Which solids belong in this category?	What characteristics do these solids have in common?
1		
2		
3		

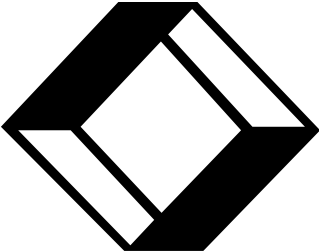


3. Finally, sort the solids into four categories according to their characteristics. Write the rules for the categories.

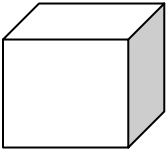
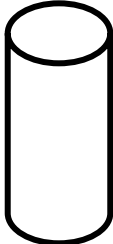
Third sort

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 a real-world example for each.

A.  B.  C.  D. 

E.  F.  G. 

H.  I.  J. 