### Practicing Classification: Using the Main Ideas

Before you begin this exercise, reread the Key Concepts for Section 1-1. Study the assortment of figures below. Devise a classification system to put the objects into two categories. List the numbers of the figures you selected in the space provided.

1. What figures did you put in Category #1? ____________________________

2. What figures did you put in Category #2? ____________________________

3. What was the basis of your classification system? ____________________________________________________________________________
__________________________________________________________________________

Perform the same activity putting the figures into three categories.

4. What figures did you place in Category #1? ____________________________

5. What figures did you place in Category #2? ____________________________

6. What figures did you place in Category #3? ____________________________

7. What was the basis of this classification system? ____________________________________________________________________________
__________________________________________________________________________

8. If you compared your system with those of all your classmates, would they all be the same? ____________________________________________________________________________

9. Have all biological classification systems been the same? ____________________________________________________________________________

What conclusion can you draw from this information? ____________________________________________________________________________
__________________________________________________________________________

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