

# Venn Diagram Exploration Questions

This worksheet is intended for use with the lesson [Sets and the Venn Diagram](#). This page should be printed in order to help the students organize their findings during the lesson.

Please answer the following questions about sets and the Venn diagram applet:

1. What is the difference between a Venn diagram with 2 circles and one with 3 circles?
2. How could you use a Venn diagram to describe/classify the people in your class?
3. In your own words, describe a set. What is an element?
4. Did you have any trouble with the Venn diagrams? If so, describe the problem and explain what information allowed you to be able to complete the problem. If not, then write a few words describing what information is necessary to do such problems accurately.
5. Create your own Venn diagram using whatever subject you wish. Please make it something that you would want your mom to see. Below the diagram, list a few possible elements that might fit in the set. Find another member of the class and exchange papers. See if your partner can correctly place the elements that you named in the diagram you created!