Black Box Activity

Introduction: Some scientists study things that they cannot see. For example, there are scientists that study what the structure of the atom is even though it is too small for us to actually see. This task is to give you the perspective of designing experiments to test the invisible. You are required to use observation skills and deductive reasoning in order to determine what the inside of eight different of obscertainers look like and draw them.

Directions:
1. In the space below, write a brief description of how you went about solving this problem.

2. Then draw what you think the inside of each obscertainer looks like in the circles below.
3. Finally, write a conclusion that includes the following:
   - How certain are you about your results? Why?
   - What problems did you encounter?