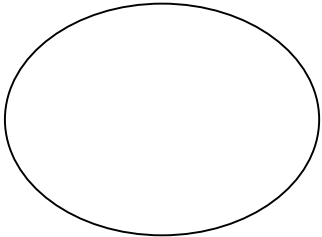
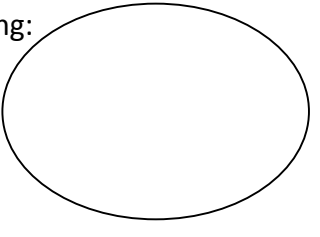
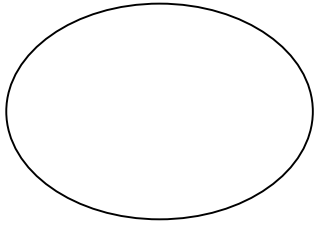


Lab 1: What in the World is Oobleck?

Problem: What State of Matter is the Substance Oobleck In?

Research: Below, describe the properties of each state of matter. Include a drawing of what the molecules or atoms look like at each state.

Solid	Liquid	Gas
Description: Drawing: 	Description: Drawing: 	Description: Drawing: 

Hypothesis: Looking at the materials used to make Oobleck, form a hypothesis about what state of matter it will be, once created. Write your hypothesis below:

If _____

then _____.

Procedure: You will create a substance called Oobleck and describe it using your understanding of the three states of matter that are common on Earth.

1. Measure two cups (16 ounces) of cornstarch. _____check when done.
2. Add two cups of the cornstarch to the tub or bowl. _____check when done.
3. Add ¼ cup of water. _____check when done.
4. Add the ¼ cup of water to the tub or bowl with the cornstarch. _____check when done.
5. Thoroughly mix the two substances together. Record your observations. _____check when done.

Data: After you have mixed the cornstarch and water together, describe what has happened. How does it look? How does it feel? Use what you know about states of matter to describe what is happening.

Conclusion: Write a short conclusion about the substance. Hypothesis rejected or supported? It should be at least 3-5 sentences. _____
