Name _______________________ Date ________________________

Water Pressure Demonstration

1. What will happen to the soda can when the water inside the can heats up and then is placed in cold water upside down? Write a hypothesis.

_________________________________________________________________

_________________________________________________________________

2. Explain your hypothesis.

_________________________________________________________________

_________________________________________________________________


_________________________________________________________________

_________________________________________________________________

4. Write a conclusion that explains water pressure.

_________________________________________________________________

_________________________________________________________________
Water Buoyancy Demonstration

1. Will a raw egg placed in freshwater sink or float? Write a hypothesis.

_________________________________________________________________

_________________________________________________________________

2. Will a raw egg placed in freshwater sink or float? Write a hypothesis.

_________________________________________________________________

_________________________________________________________________


_________________________________________________________________

_________________________________________________________________

4. Write a conclusion that explains water buoyancy.
**Water Density Demonstration**

1. What will happen when cold water is added to hot water? Write a hypothesis.

   ______________________________________________________________
   ______________________________________________________________

2. Explain your hypothesis.

   ______________________________________________________________
   ______________________________________________________________
   ______________________________________________________________


   ______________________________________________________________
   ______________________________________________________________
   ______________________________________________________________

4. Write a conclusion that explains *water density*.

   ______________________________________________________________
   ______________________________________________________________
**Water Density Column Lab**

1. Predict the order of density, from least dense to most dense: corn syrup, water, rubbing alcohol, and vegetable oil.

   1. ____________________
   2. ____________________
   3. ____________________
   4. ____________________

2. Explain why you ordered your liquids in this way.

   ______________________________________________________
   ______________________________________________________


   ______________________________________________________
   ______________________________________________________

4. Write a conclusion that explains *water density*.

   ______________________________________________________
   ______________________________________________________