**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisory: PC RIC CU**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Investigation 7: Part 1 Homework**

**Directions:** Answer the questions below in the space provided. All answers must be in complete sentences. The questions are based off of your classwork.

1) What are the three phases, or states, that water can exist in on Earth? Provide an example of each phase.

2) Is there water vapor in the air? Explain using evidence from class.

3) Think of how you could improve on the design on your water-vapor collection. How could you collect enough fresh water from the air to drink? Many people in the world are faced with this challenge after a local disaster. Write out a plan/design that would help you collect enough fresh water to drink after a local disaster. Your family is depending on you!