

Intermolecular Forces

Complete the observations below and answer the questions that follow.

- Fill a 50 mL beaker most of the way with water.
- Continue adding water one drop at a time
- note how high the water can go without spilling.

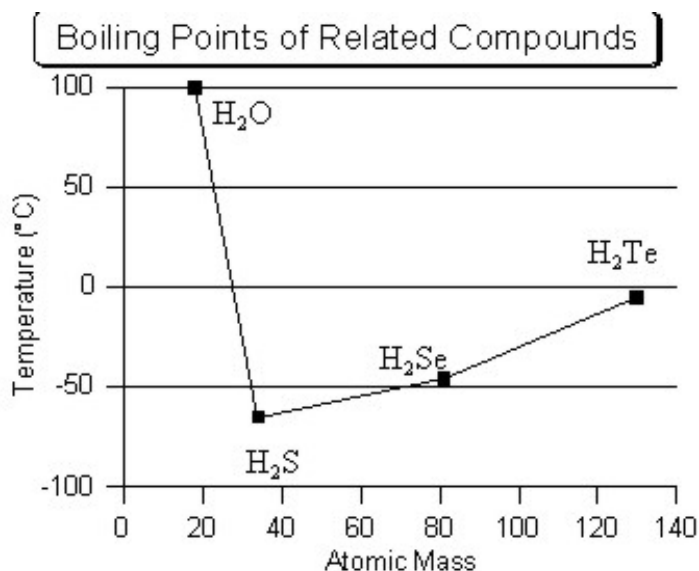
1. Describe what happened when you kept adding water to an already full beaker? Draw a picture of how it looked in the space to the right. Why does this happen? _____



2. The graph to the right shows the boiling point of compounds of hydrogen and members of the oxygen family.

- a. What is the electronegativity difference in each compound? _____

- b. How can the differences in the boiling points be explained? _____



3. What holds many solids and liquids together? _____
