

AP Chemistry

Thou Shalt Not Forget Questions

Properties of Liquids and Solids--IMF's

1. List the 4 IMF's from weakest/strongest.
2. "More polarizable" refers to which IMF?
3. List the IMF's in BF_3 / H_2O / NH_3 / CO_2
4. Draw a representation of a hydrogen bond.
5. Name any 3 properties that increase as IMF's increase.
6. Name 2 properties that decrease as IMF's increase.
7. Which type of solid has the lowest melting/boiling points?
8. Which type of solid will not conduct electricity until it is a liquid or aqueous?
9. a) Give 2 examples of a covalent network solid.
b) Which type of solid has the highest melting/boiling points?
10. What type of solid always conducts electricity?
11. When a molecular solid melts or boils, which bonds break?