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 BF3 / H2O / NH3 / CO2
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?

1. What type of solid always conducts electricity?
2. When a molecular solid melts or boils, which bonds break?