

QUIZ on Lecture P1_Wk1_L1

- Intramolecular and intermolecular forces can be broadly understood in terms of
 - magnetism
 - electrostatics
 - gravity
 - nuclear physics
- Intramolecular forces tend to be
 - Weaker than intermolecular forces.
 - About the same strength as intermolecular forces.
 - Stronger than intermolecular forces.
- Electronegativity is a measure of
 - the energy required to remove an electron from a gas phase atom.
 - the energy released when an electron is added to an atom or a molecule.
 - an atom's ability to attract electrons to itself when bonded to another atom.
 - the charge on an ion.
- Using the electronegativity table discussed in lecture, which of the following molecules would you expect to have the most polar bond?
 - Cl₄
 - CCl₄
 - CF₄
 - CBr₄