

Intermolecular Forces

Name: _____

1. Metallic, covalent, and ionic bonds are examples of what type of forces?

2. Dispersion forces, dipole-dipole forces, and hydrogen bonds are examples of what type of forces?

3. Describe dispersion forces.

4. Dispersion forces are greatest between what type of molecules?

5. Describe a permanent dipole.

6. Describe dipole-dipole forces.

7. Describe a hydrogen bond.

8. Diagram each type of intermolecular force below:

Ion-Dipole Force

Hydrogen Bond

Dipole-Dipole Force

Dispersion Force

9. Rank Dipole-Dipole Forces, Dispersion Forces, and Hydrogen Bonds in order of increasing boiling point (lowest to highest).
