

Name _____

The Magical World of Van der Waals Forces

Short Answer

1. Give an example of a substance that experiences dispersion forces.
2. Explain why water forms droplets on a surface due to Van der Waals forces.
3. How do Van der Waals forces influence the boiling and melting points of substances?
4. What is the main factor that determines whether a molecule will experience dipole-dipole forces?
5. Describe how hydrogen bonding works and provide an example of a molecule that exhibits hydrogen bonding.

