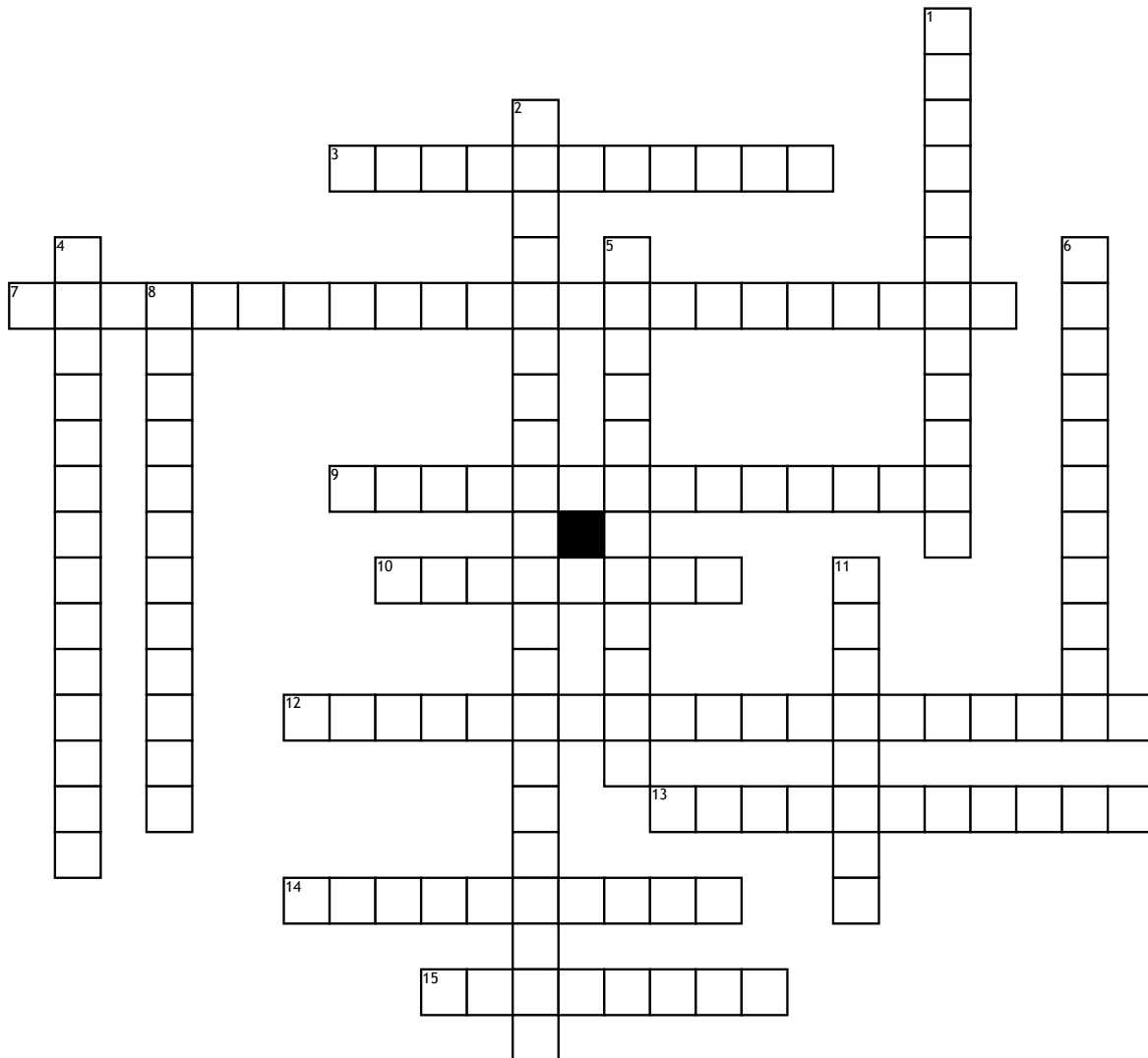


Intermolecular Forces Project



Across

3. "water loving" and polar

7. Attraction between temporary dipoles

9. A measure of the force necessary to stretch or break the surface of a liquid

10. The attraction of water to itself

12. A force between two molecules that does not result from chemical bonding

13. Has a hydrophobic and a hydrophilic region

14. If grease and water don't mix they are _____.

15. are composed of many repeating units of monomers

Down

1. a stronger form of dipole-dipole interactions

2. A molecule with positive and negative charged regions

4. Generally have higher melting and boiling points than non-polar molecules

5. forces that occur when partially (+) charged part of a molecule interacts with the partially (-) part of the neighboring molecule

6. "Water fearing" and non-polar

8. a measure of the polarity of a bond, sometimes represented by a special arrow

11. measure of how equally electrons in a bond are shared between 2 atoms of the bond