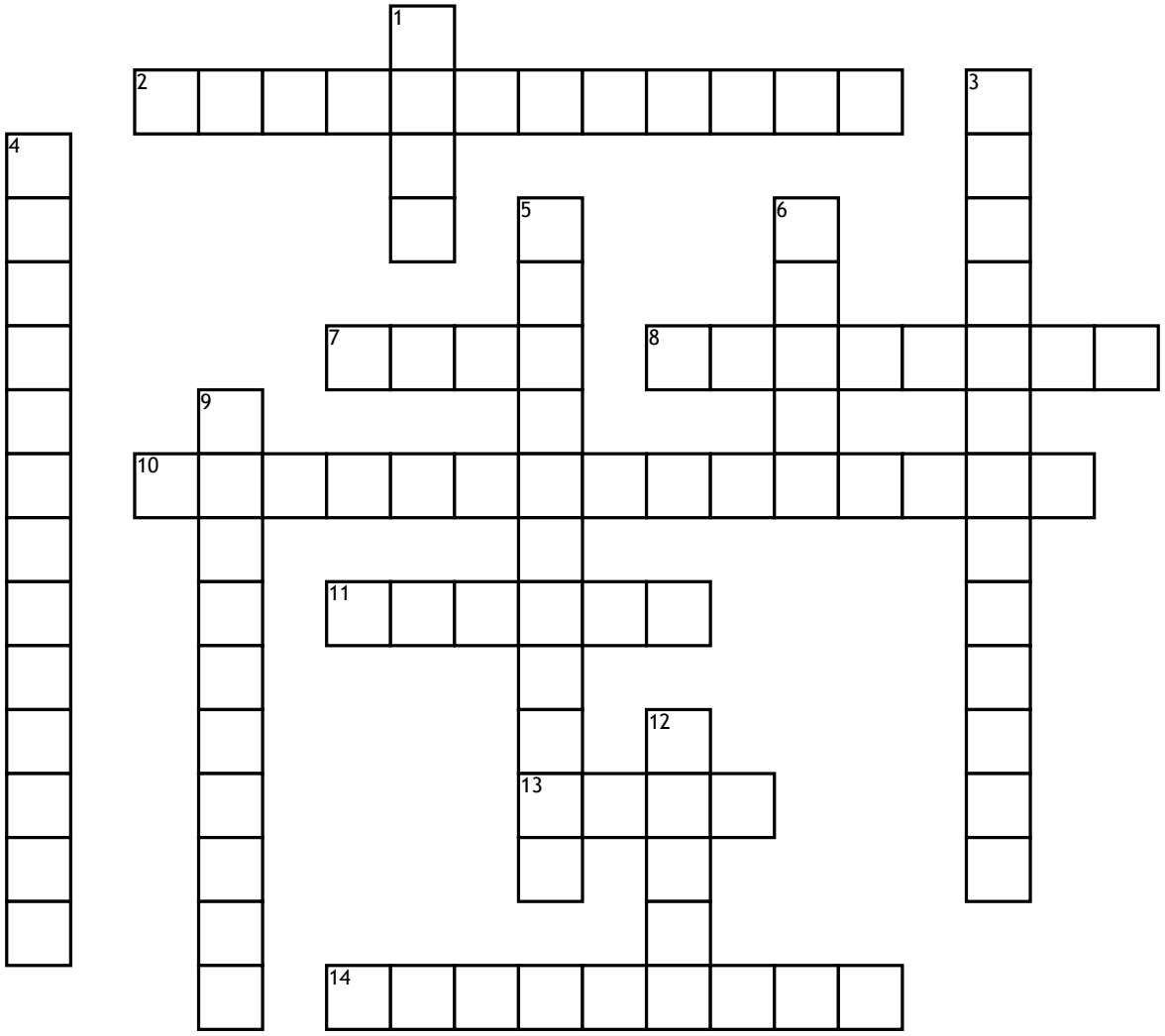
Name: _____ Date: _____

COVALENT BONDING



Across

2. Intermolecular force between H of one molecule and F, O or N on another

7. Shape of water molecule

8. Moles per Liter solution

10. NH3 forms a _____ _____ molecule

11. Shape of CO2 molecule

13. A substance with pH below 7

14. When there is more than one possible bonding arrangement "blur"

Down

1. A possibility when a caterpillar emerges from a cocoon

3. When atomic orbitals "blend" to form equal energy bonds

4. When the central atom takes more electrons than normal

5. Arrangement where bond angles are all 109.5

6. Polar solvents dissolve _____solutes

9. Bond involving sharing 3 pairs of electrons

12. Another name for a single covalent bond