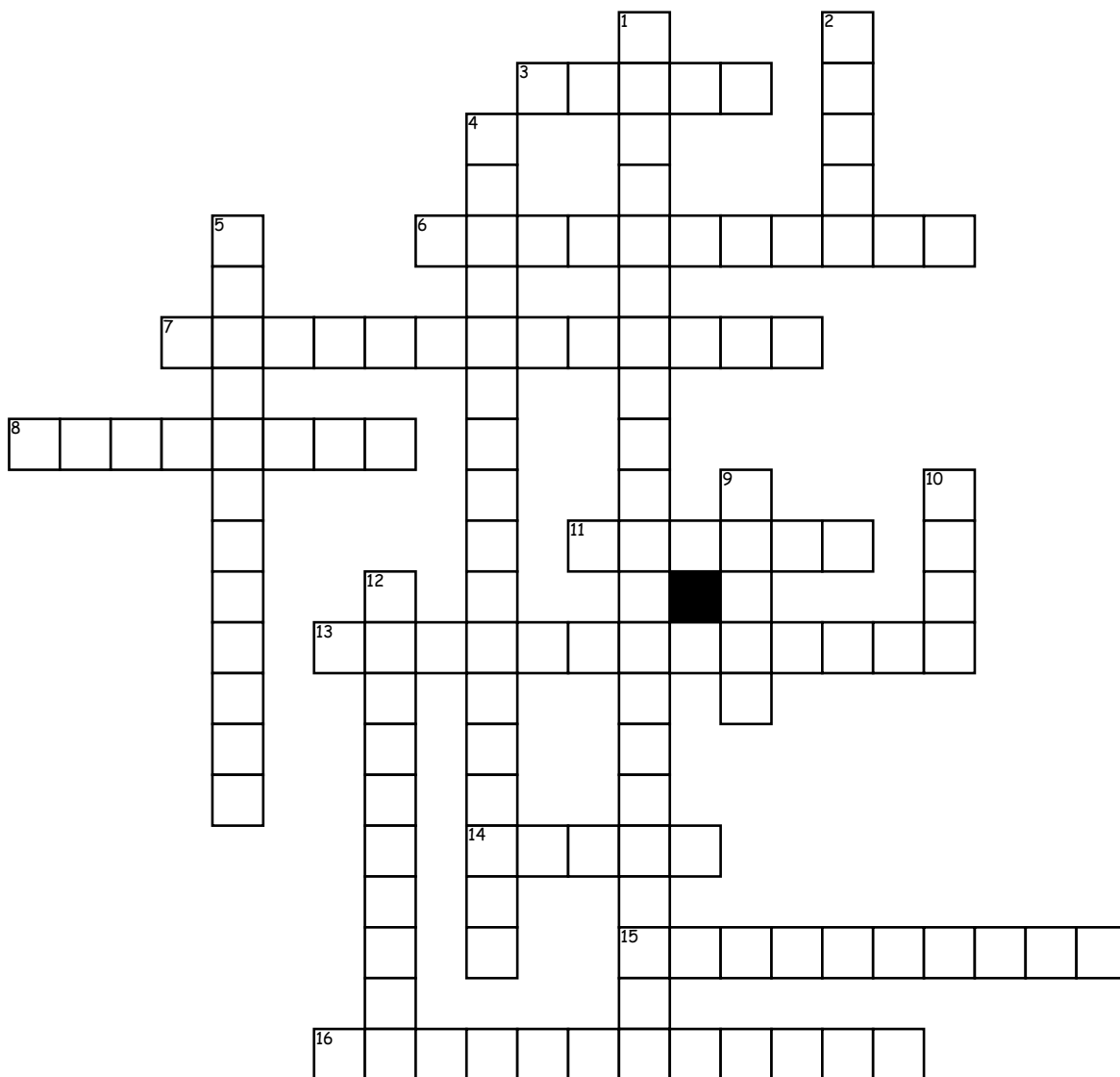


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Forces and Shapes Crossword



## Across

3. The theory around electron shapes

6. 4 bonded pair regions, 0 lone pair regions

7. The movement of electrons forms an \_\_\_\_\_ dipole

8. When the electron pair is shared equally, it forms a \_\_\_\_\_ bond

11. The separation of opposite charges is a \_\_\_\_\_

13. Has an electronegativity of between 0-1.8

14. Has an electronegativity of greater than 1.8

15. 6 bonding pair regions, 0 lone pair regions

16. The strongest type of IMF

## Down

1. The intermediate strength IMF

2. A molecule with anomalous properties due to hydrogen bonding

4. A measure of the attraction of a bonded atom for the pair of electrons in a covalent bond

5. The weakest type of IMF

9. When the electron pair is shared unequally, it forms a \_\_\_\_\_ bond

10. 2 bonded pair regions, 2 lone pair regions

12. The ability to dissolve in a solvent