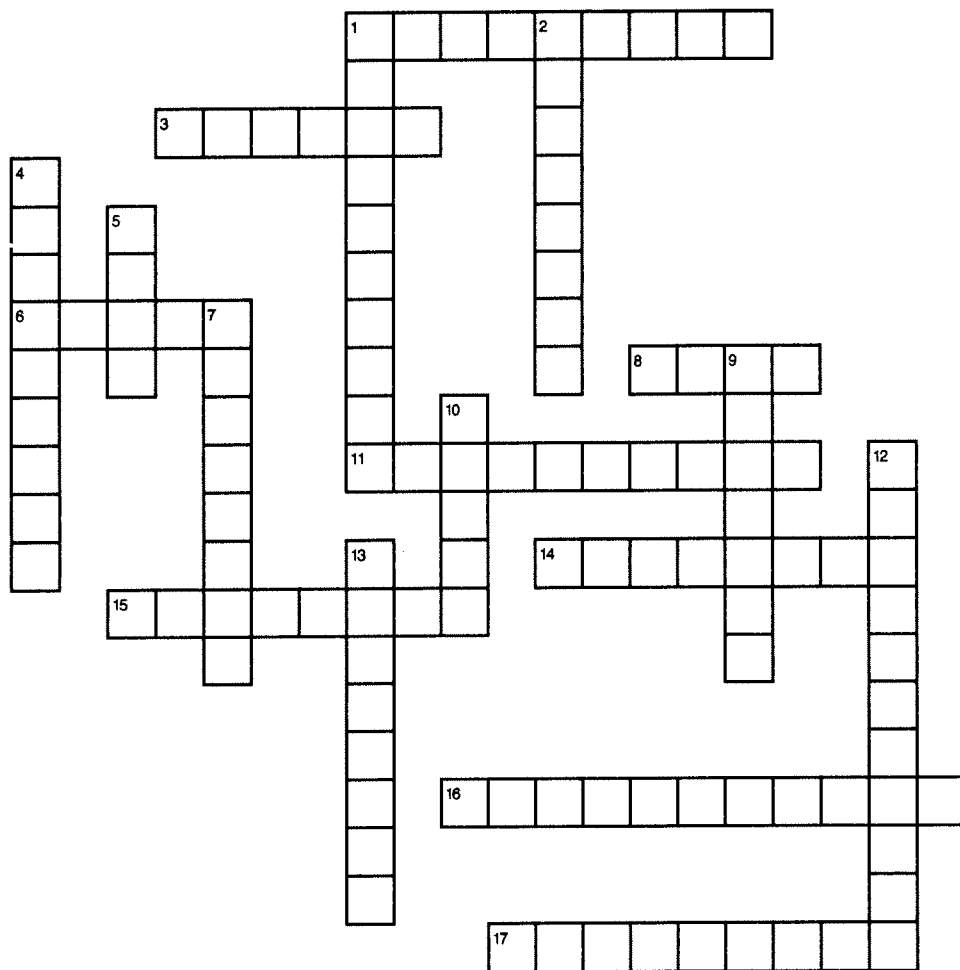


# CHEMICAL BONDING CROSSWORD

Name \_\_\_\_\_



## Across

1. Ammonia is polar because its shape is \_\_\_\_\_.
3. Word to describe a molecule with an unequal charge distribution
6. Type of bond formed between an active metal and a nonmetal
8. The simultaneous attraction of electrons for the nuclei of two or more atoms is a chemical \_\_\_\_\_.
11. Type of covalent bond in which one atom donates both electrons
14. Bonding that is responsible for the relatively high boiling point of water
15. Type of covalent bond found in diatomic molecules
16. Carbon dioxide is nonpolar because it is \_\_\_\_\_.
17. Particles formed from covalent bonding

## Down

1. Compounds with both ionic and covalent bonds contain this type of ion.
2. Type of bond found in aluminum foil
4. The formulas of ionic compounds must be expressed as \_\_\_\_\_ formulas.
5. The shape of a water molecule
7. Type of bond found between nonmetals
9. Type of covalent bonding that is found in the diamond
10. Type of covalent bond found between atoms of different electronegativity values
12. Force of attraction between nonpolar molecules
13. Element with the highest electronegativity value