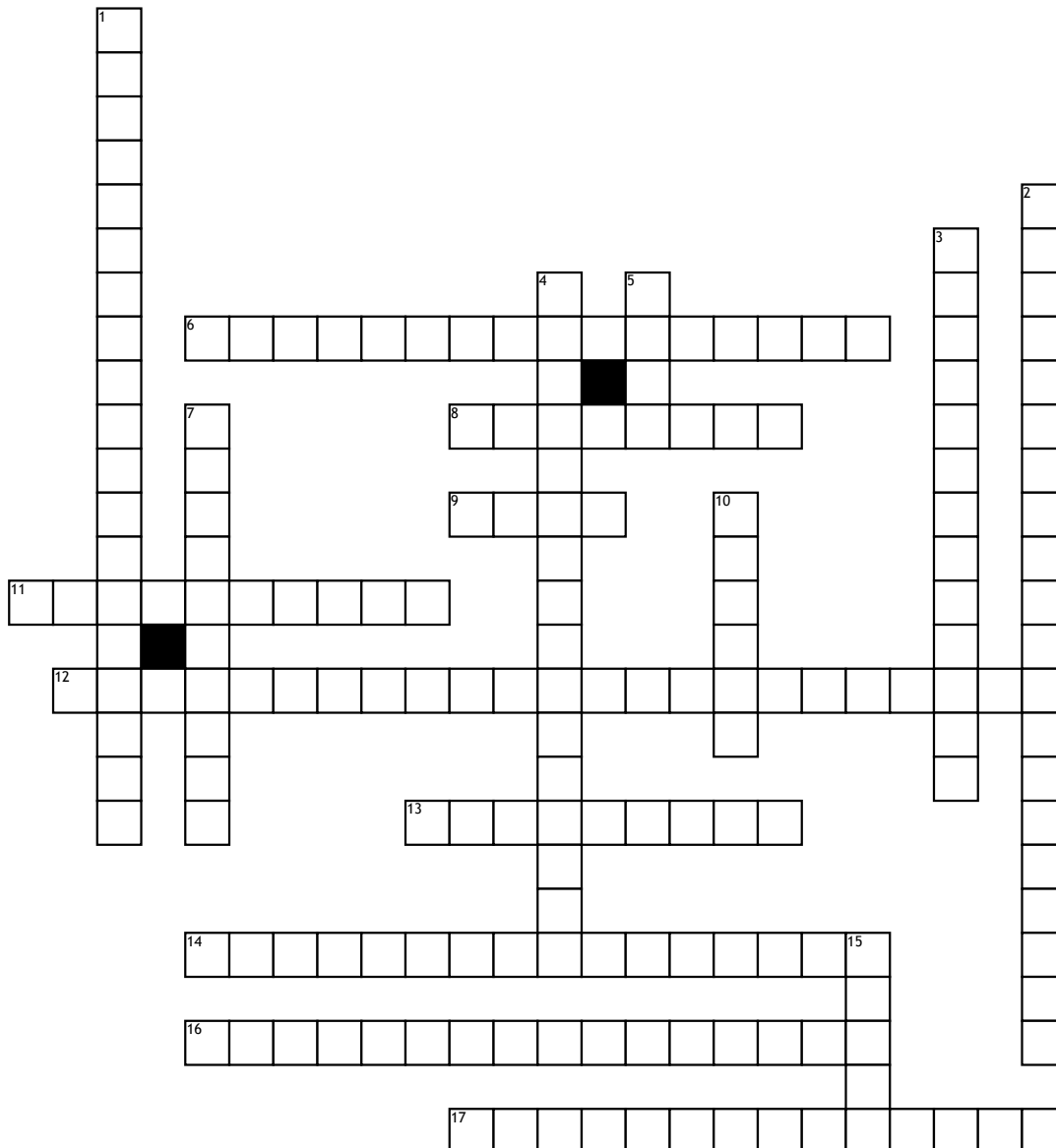


Ionic and Covalent Bonds



Across

6. Formula for lowest whole number ratio in ionic bonds
 8. Ionic bonds do this with electrons
 9. Covalent bonds are
 11. Ionic bonds are this is certain states
 12. Covalent bonds have very low

13. Atoms gain or lose enough electrons to equal a noble gas
 14. Electrons in the outer shell of atoms
 16. Chemical formula for covalent compounds
 17. All atoms want 8 valence electrons except for

Down

1. covalent bonds are made up of which two types of atoms

2. A way to show the number of valence electrons in an atom
 3. When atoms have the same number of electrons
 4. Ionic bonds are made up of which two types of atoms
 5. Ionic bonds create this
 7. Covalent bonds are never
 10. Ionic Bonds are
 15. Covalent bonds do this with electrons