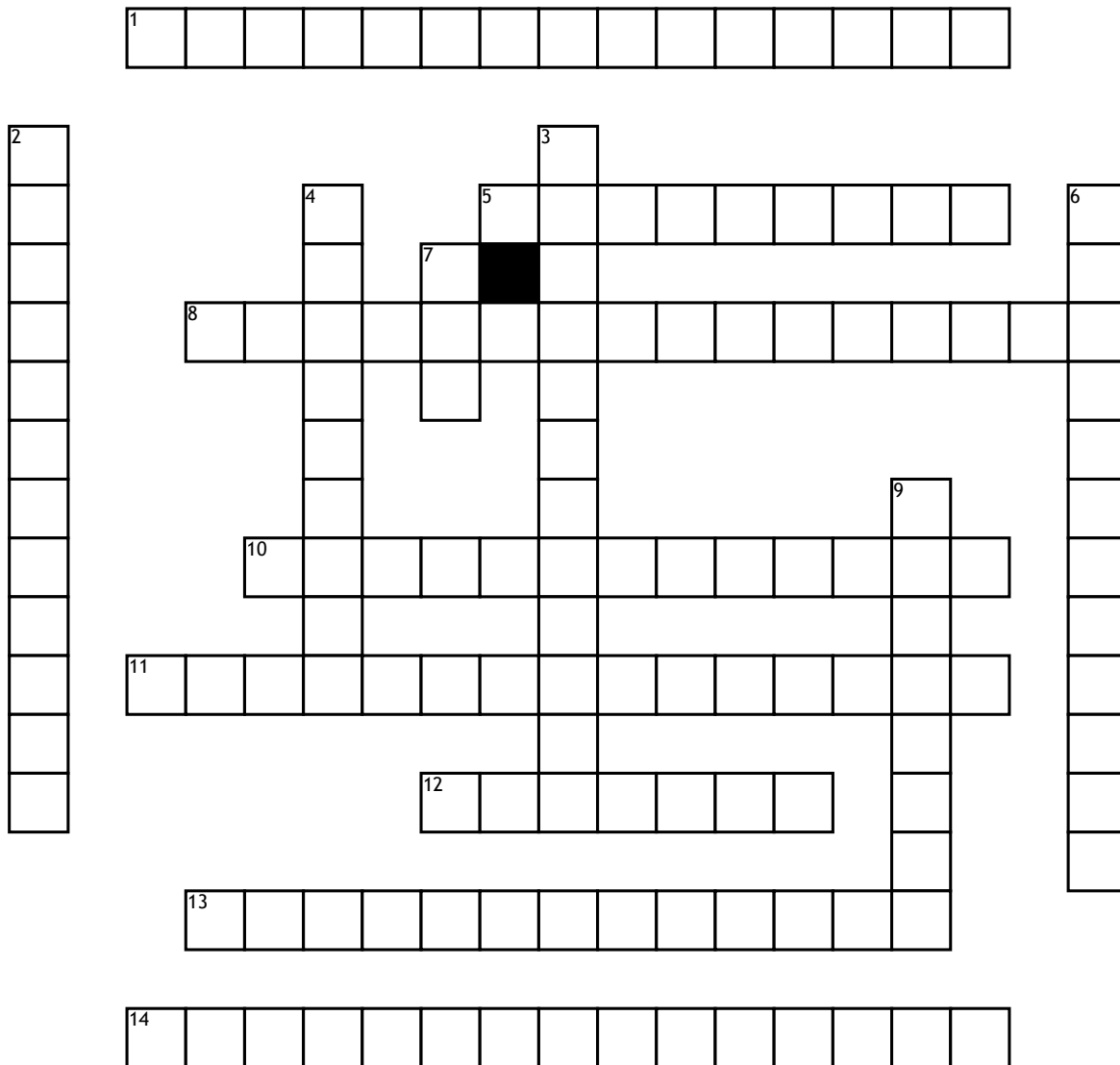


# Chapter 18 Chemical Bonds



## Across

1. This shows what elements a compound contains and the exact number of the atoms of each element in one unit  
 5. a bond in which electrons are shared unequally  
 8. covalent bonded compound that does not have oppositely charged ends  
 10. a positively or negatively charged, covalently bonded group of atoms

11. a positive or negative number that indicates how many electrons an atom has gained, lost, or shared to become stable  
 12. A compound that has water chemically attached to its atoms  
 13. covalent compound which has a slightly positive and a slightly negative end  
 14. compounds composed of only two elements

## Down

2. a covalent bond in which electrons are shared equally by both atoms

3. The attraction that forms between atoms when they share electrons  
 4. the force of attraction between the opposite charges of the ions in a compound  
 6. The force that holds atoms together in a compound  
 7. A charged particle that has either more or fewer electrons than protons  
 9. The neutral particle that forms as a result of electron sharing