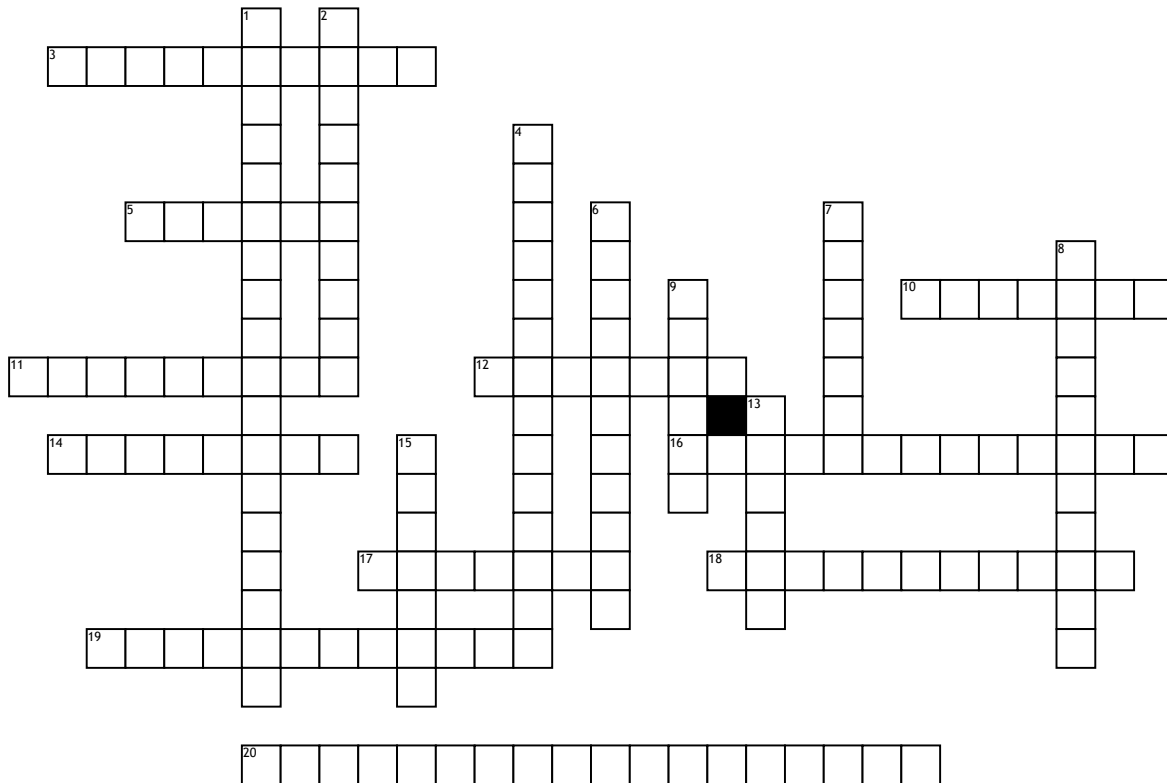


Name: _____

Date: _____

Unit 4 Chemistry



Across

3. no free electrons
 5. excessive positive or negative charge
 10. particles in a magnet
 11. voltage source
 12. the force that moves the electrons
 14. more than one path for electricity to follow
 16. surrounds every electric charge
 17. flowing electricity

18. a measure of how much a material opposes the flow of electrons

19. magnets levitate
 20. the force between two charged particles

Down

1. lines of force between the poles
 2. Does not allow electrons to flow
 4. a device that becomes magnetic when you run electricity through it

6. The flow of electrons

7. the path electricity follows
 8. use electromagnet to power electric motor
 9. a metal substance capable of attracting other metals
 13. all current is the same through each load
 15. magnets are minerals