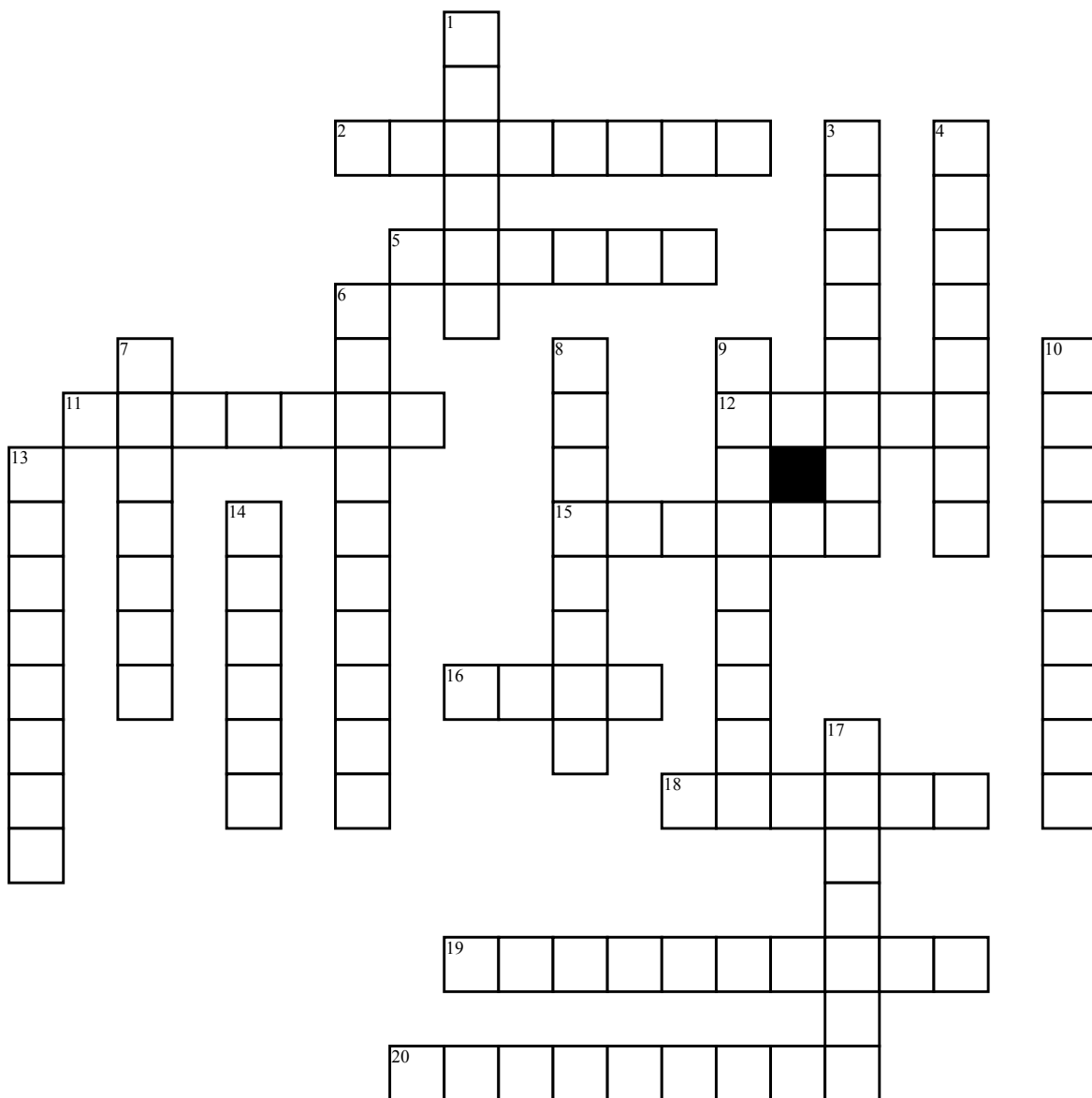


Name: _____

Date: _____

Electron Configuration



Across

2. $1s^2 2s^2 2p^6 3s^2 3p^6 3d^5 4s^1$

5. $1s^2 2s^2 2p^6 3s^1 3p^6 4s^2 3d^7$

11. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$

12. $1s^2 2s^2 2p^6 3s^2 3p^6$

15. $1s^2 2s^2 3p^4$

16. $1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2$

18. $1s^2$

19. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^6 6s^2 4f^{14} 5d^{10} 6p^6 7s^2 5f^{14} 6d^{10} 4p^4$

20. $1s^2 2s^2$

Down

1. $1s^2 2s^2 2p^6 3s^2$

3. $1s^1$

4. $1s^2 2s^2 2p^6 3s^2 3p^1$

6. $1s^2 2s^2 2p^6 3s^2 3p^3$

7. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^5$

8. $1s^2 2s^2 2p^6 3s^2 3p^5$

9. $1s^2 2s^2 2p^6 3s^2 3p^6 3d^5 4s^2$

10. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$

13. $1s^2 2s^2 2p^6 3s^2 3p^6 3s^1 4s^2$

14. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^6 6s^2 5d^{10} 6p^6 7s^2$

17. $1s^2 2s^1$