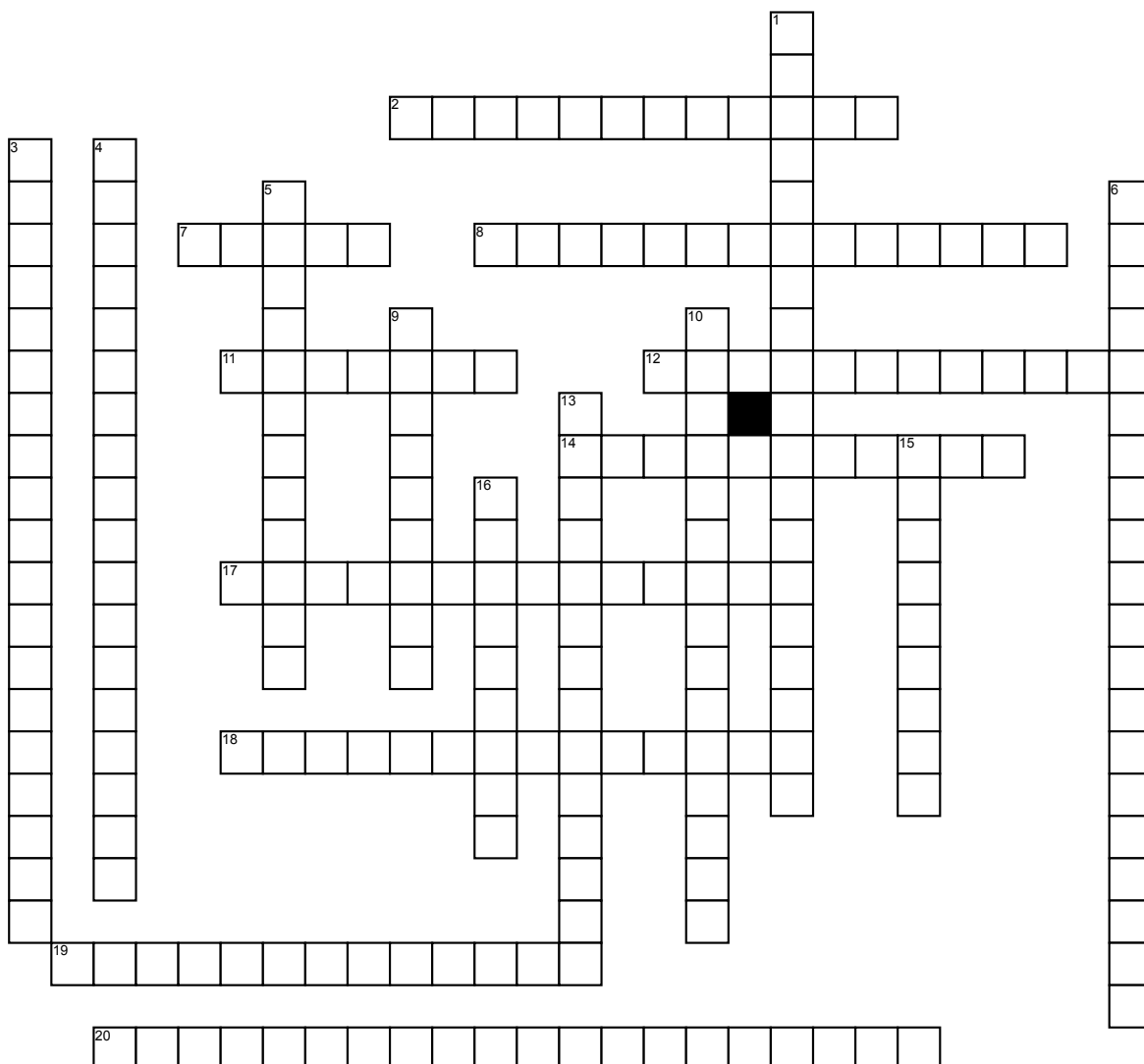


Electrostatics



Across

2. when atoms charges are aligned so that one side is slightly more positive or negative than the opposite side

7. surface

8. charge that consist of protons

11. the SI unit of electric charge

12. a device that measures electron movement

14. a form of energy created by charged or moving electrons or protons

17. study of electric charges at rest

18. an object can have a positive, negative, or no charge.

19. the F in Coulomb's Law means

20. Electrons transfer from object that has negative charges to positive charge object.

Down

1. A list of materials based on how likely they are to gain/lose electrons

3. Electrons move to one part of an object because it is in the electric field of another object

4. Transfer of electrons from one object to another by rubbing.

5. a force that causes like charges to repel and opposite charges to attract

6. net electric charge is neither created or detroyed but is transferable from one object to another

9. a metal or material in which heat can be transferred, where electric charge can flow

10. flow of electric charge

13. charge that consist of electrons

15. delays transfer of heat

16. allowing charges to move freely along a connection from a conductor ro the ground