

- \_\_\_\_ 11. An electromagnet would most likely be used as a  
a. pocket compass.  
b. ski lift.  
c. device on the end of a crane to lift junked cars.  
d. refrigerator decoration.
- \_\_\_\_ 12. The ampere is a unit of  
a. electric charge. c. temperature.  
b. electric current. d. magnetism.
- \_\_\_\_ 13. A magnet made from iron, cobalt, or nickel is most likely a(n)  
a. lodestone c. permanent magnet  
b. electromagnet d. temporary magnet
- \_\_\_\_ 14. An example of a conductor is  
a. glass. c. wood.  
b. plastic. d. aluminum.
- \_\_\_\_ 15. As in the case of like magnetic poles, like electric charges  
a. attract each other. c. do not interact.  
b. exist in pairs. d. repel each other.
- \_\_\_\_ 16. Resistance is measured in a unit called the  
a. ohm c. volt  
b. coulomb d. ampere
- \_\_\_\_ 17. Moving charges, like those in an electric current produce  
a. neutrons c. magnetic fields  
b. protons d. electrons
- \_\_\_\_ 18. An example of a voltage source is a(n)  
a. electrical wire. c. battery.  
b. electric circuit. d. magnet.
- \_\_\_\_ 19. What causes current to flow?  
a. a voltage difference c. magnetism  
b. an energy need d. electricity
- \_\_\_\_ 20. A path that allows only one route for a current is called a(n)  
a. parallel current c. parallel circuit  
b. series circuit d. series current