

Name: _____ Date: _____

Electricity and Magnetism

1. any object that pulls certain metals towards it
 2. Iron, steel, nickel
 3. opposite sides pull together
 4. the space around a magnetic field where the force of the magnet can act
 5. same sides push away
 6. the area of the magnet where the force is the strongest
 7. aluminum, copper, brass, cardboard
 8. uses electricity from the source
 9. provides energy to the receiver
 10. d-cell, bulb, switch, wires
 11. the part of the bulb that gets hot and produces light
 12. the pathway for the flow of electricity
 13. material that completes the circuit and allows the flow of electricity to pass through it
 14. symbols that represent the components used in the circuit
 15. material that does not complete a circuit and electricity can NOT flow through it
 16. drawings electricians use to create circuits
 17. an incomplete circuit which electricity will NOT flow through
 18. a complete circuit which electricity CAN flow through
- A. conductors
 - B. schematic diagram
 - C. not magnetic
 - D. schematic symbols
 - E. magnet
 - F. filament
 - G. closed circuit
 - H. open circuit
 - I. circuit components
 - J. repel
 - K. attract
 - L. magnetic
 - M. insulators
 - N. magnetic poles
 - O. source
 - P. circuit
 - Q. receiver
 - R. magnetic field