

Name \_\_\_\_\_

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

- 1) Which of these wires is MOST likely used for starter motor high current circuits? 1) \_\_\_\_\_  
A) 0 ga.  
B) 14 ga.  
C) 18 ga.  
D) 20 ga.
  
- 2) Six volt systems require \_\_\_\_\_ wires than 12 volt systems. 2) \_\_\_\_\_  
A) larger  
B) smaller  
C) equal  
D) reduced
  
- 3) The type of solder that should be used for electrical work is \_\_\_\_\_. 3) \_\_\_\_\_  
A) rosin core  
B) acid core  
C) 60/40 with no flux  
D) 50/50 with acid paste flux
  
- 4) A 10 amp fuse is normally what color? 4) \_\_\_\_\_  
A) Red  
B) Blue  
C) Yellow  
D) Green
  
- 5) Why is thick wire used for the battery-starter circuit? 5) \_\_\_\_\_  
A) To carry high amperage current  
B) To carry high voltage  
C) Both of these  
D) Neither of these
  
- 6) The higher the AWG number, \_\_\_\_\_. 6) \_\_\_\_\_  
A) the smaller the wire diameter  
B) the larger the wire diameter  
C) the thicker the insulation  
D) the more strands in the conductor core
  
- 7) What causes a fuse to blow? 7) \_\_\_\_\_  
A) A decrease in circuit resistance.  
B) An increase in the current flow through the circuit.  
C) A sudden decrease in current flow through the circuit.  
D) Both A and B are correct.

8) A 20 amp fuse is normally what color? 8) \_\_\_\_\_  
A) Yellow  
B) Blue  
C) Red  
D) Green

9) Thick wires have a \_\_\_\_\_ AWG rating when compared to thin wires. 9) \_\_\_\_\_  
A) lower  
B) higher  
C) negative  
D) similar

10) Metric wire size is measured in units of \_\_\_\_\_. 10) \_\_\_\_\_  
A) meters  
B) cubic centimeters  
C) square millimeters  
D) cubic millimeters