

# Maintenance and Light Repair Workbook Chapter 27

Name: \_\_\_\_\_ Class \_\_\_\_\_ Date: \_\_\_\_\_  
Instructor: \_\_\_\_\_ Textbook Pages 315– 329

Answer the questions and identify the page number that the answer was found in the textbook

1. \_\_\_\_\_ is an excellent conductor of electricity that is reasonably priced and very flexible. Page \_\_\_\_

- A. Aluminum
- B. Plastic
- C. Steel
- D. Copper

2. \_\_\_\_\_ are the largest wires used in the automotive electrical system. Page \_\_\_\_

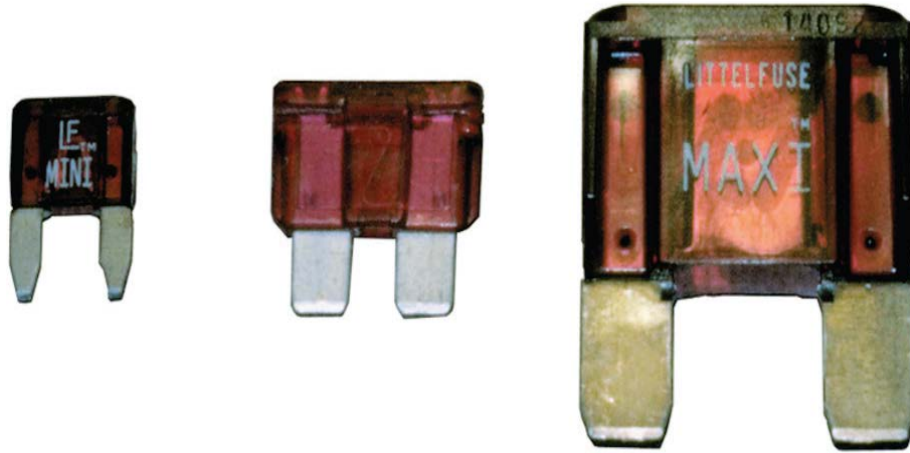
3. What does the term “Skin Effect” mean? Page \_\_\_\_

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5. \_\_\_\_\_ should be used in every circuit to protect the wiring from overheating and damage caused by excessive current flow as a result of a short circuit or other malfunction.

Page \_\_\_\_



6. \_\_\_\_\_ are mechanical units made of two different metals (bimetallic) that deform when heated and open a set of contact points that work in the same manner as an “off” switch.

Page \_\_\_\_



7. What do the wiring symbols above represent?

\_\_\_\_\_

8. A \_\_\_\_\_ is a type of fuse that consists of a short length (6 to 9 inch long) of standard copper strand wire covered with a special nonflammable insulation.

Page \_\_\_\_

9. A \_\_\_\_\_ is a metal fastener attached to the end of a wire, which makes the electrical connection.

Page \_\_\_\_

10. Many manufacturers recommend that all wiring repairs be \_\_\_\_\_.

Page \_\_\_\_