 Maintenance and Light Repair  
 Workbook Chapter 27

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.  

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

2. ___________ are the largest wires used in the automotive electrical system.  

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

   ___________________________________________________________
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.

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.

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.

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

10. Many manufacturers recommend that all wiring repairs be _________.