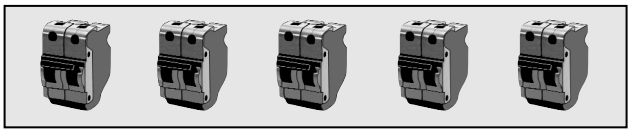
# *SECTION QUIZ 4-2*





**Remember:**
Score an 85% or higher on all three quizzes and you may be exempt from the chapter test!



*Congratulations! You have completed this section!*
***Answer the following questions to test your understanding of the material. When you are finished, hand in your quiz to your teacher. Each answer is worth 3.13 points.***

1. The proper height from the floor to the subpanel box is: _____.
   (a) 4 foot 6 inches to the top of the box
   (b) 4 foot 6 inches to the center of the box
   (c) 4 foot 6 inches from the corner of the room
   (d) 4 foot 6 inches to the bottom of the box

2. Plastic outlet boxes are the most expensive type of box. _____
   (a) True or (b) False

3. Edward was given a small piece of _____ to help set the outlet boxes properly.

4. The ceiling fixture box was positioned ½ inch below a 2" x 4" ceiling joist because: _____.
   (a) it was too large to fit otherwise
   (b) it would be easier to connect the light fixture later
   (c) it would allow the Sheetrock to be flush
   (d) it is better if the box is lower

5. The switch boxes were installed _____ above the floor.
   (a) 2 feet (b) 3 feet (c) 4 feet (d) 1 foot

6. The word "duplex" in the *duplex grounded outlet* receptacle indicates: _____.
   (a) it should be used only in duplex apartments
   (b) it uses two different voltages
   (c) it has two outlets on the receptacle
   (d) it can be easily duplicated

7. The long slots on the left side of the duplex receptacle allow equipment to be: _____.
   (a) grounded (c) duplex and grounded
   (b) polarized (d) ungrounded

8. The grounded outlet allows soil to enter into the outlet. _____
   (a) True or (b) False

9. The "ground" on the receptacle prevents electrical shock in case of a short in the circuit.
   _____ (a) True or (b) False

10. Red or black (hot) wires go to _____-colored terminals.

11. Neutral or white wires go to _____-colored terminals.

12. The best way to connect wires to a receptacle is with side-wire terminals. _____
    (a) True or (b) False

13. The purpose of the connecting bar on each side of the receptacle is:
    _____.
    (a) to connect both outlets together as one circuit
    (b) to hold the receptacle together
    (c) a place to solder wires to the receptacle
    (d) a mystery to the most experienced electrician

14. A switch is always installed on the _____ wire or 'hot' side of the circuit.

15. When the switch is turned off, current continues to flow through the wires. _____
    (a) True or (b) False

16. The most common kind of switch is the: _____.
    (a) double-pole (b) triple-pole (c) single-pole (d) automatic

17. The switch which provides control at two locations is the _____ switch.

18. Double-pole switches are commonly used to switch _____ circuits.

19. The _____ rating on a switch indicates it can be used with copper or aluminum wire.

20. A _____ switch adjusts the amount of light coming from a fixture.
    (a) lights (b) darker (c) white (d) dimmer

21. A time clock switch is used to: _____.
    (a) turn on the time clock
    (b) tell you when to start to work
    (c) turn on the lights when it is time to start to work
    (d) set time for electrical equipment to turn “on” and “off

22. Sheathing is the: _____.
    (a) place to store wire
    (b) place to store a knife
    (c) covering material for wires
    (d) area where a lot of plants are growing

23. A minimum of _____ inches of wire should be left protruding from each outlet box to allow for stripping and splicing.

24. To strip a wire, one would _____ the outer covering of the wire.

25. When speaking of wires, insulation refers to: _____.
    (a) pink fiberglass
    (b) the protective covering of the wire
    (c) complete isolation of the wires
    (d) covering to keep the the wire warm

26. The different sizes of plastic connectors for covering spliced wires are determined by _____.

27. An older, experienced person who instructs someone younger is sometimes referred as a _____.

28. *"Habits are like electric wires; they transport our _____."*

29. "*He who has learned _____ will know how to command."*

30. *"Conquer _____ rather than the world."*

31. *"Success is knowing the difference between 'cornering' people and getting them _____."*

32. *"A _____ is like a light switch; he controls what flows through his mind."*