ACTIVITY ANSWER KEY

Chapter 4, Section 2

Check your answers with this Answer Key. Answers separated by commas may be in any order. Answers separated by semicolons must be in stated order. Correct all errors, then complete your next goal.



Lesson 6:
Finding the Power

1. (b) False
2. (b) romex cable
3. (b) False
4. subpanel
5. (d) 4 foot 6 inches to the bottom of the box
6. (b) nails
7. #6
8. red, black, white, green
9. (d) small bolt cutters
10. plastic
11. (b) False
12. (b) False
13. (b) False
14. (a) plastic
15. (a) conduit
    (b) tape measure
    (c) boltcutter
    (d) claw hammer
    (e) junction box
16. *"Habits are like electric wires; they transport our character."*



Lesson 7:
Box Installation

1. two
2. (c) 14
3. (b) False
4. (c) it would allow the Sheetrock to be flush
5. plywood
6. (b) # 12 gauge romex
7. (b) False
8. (c) 4 feet
9. labors
10. *"He who has learned to obey will know how to command."*



Lesson 8:
Getting Plugged In

1. outlet (or receptacle)
2. ampere, voltage
3. (c) a duplex grounded outlet receptacle
4. (c) it has two outlets on the receptacle
5. (b) polarized
6. (b) False
7. (a) True
8. Brass; 'hot'
9. Silver; 'neutral'
10. side, back
11. (b) False
12. (d) polarized, duplex, grounded receptacle with both side and back-wire capabilities.
13. (a) to connect both outlets together as one circuit
14. (a) True
15. (c) breaking the bar
16. (a) mounting yoke
    (b) receptacle
    (c) screw terminals
17. *"Conquer yourself rather than the world."*



Lesson 9:
Selecting Switches

1. black (or red)
2. (b) False
3. (c) single-pole
4. handle
5. three-way
6. 240-volt
7. UL
8. (wording may vary) the switch can be used with aluminum or copper wire
9. (d) dimmer
10. (a) True
11. (d) set time for electrical equipment to turn "on" and "off"
12. (b) False
13. (c) in dark places
14. (c)
15. (a)
16. (b)
17. (d)
18. *"Success is knowing the difference between 'cornering' people and getting them in your corner."*



Lesson 10:
Cutting, Stripping, and Splicing Wire

1. (b) False
2. (c) covering material for wires
3. sheathing
4. (b) a multi-purpose tool
5. six
6. (b) ½ inch
7. remove
8. (b) the protective covering of the wire
9. (b) False
10. (a) True
11. resistance; heat
12. plastic connector
13. color
14. mentor
15. *"A man of character is like a light switch; he controls what flows through his mind."*

Ask for your QUIZ over Section 2.
Reminder: Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!