



1. #14 GAUGE WIRE IS RATED FOR \_\_\_\_\_ AMPS.
2. #10 GAUGE WIRE IS RATED FOR \_\_\_\_\_ AMPS.
3. #8 GAUGE WIRE IS RATED FOR \_\_\_\_\_ AMPS.
4. WHAT IS THE MINIMUM SIZE WIRE THAT CAN BE LANDED UNDER A 20 AMP BREAKER? \_\_\_\_\_
5. HOW MANY WIRES ARE CONTAINED IN 14-2 TYPE N.M. W.G.? \_\_\_\_\_
6. WHERE WOULD A GROUND FAULT CIRCUIT INTERRUPTER BE USED? \_\_\_\_\_
7. ROMEX SHALL BE SUPPORTED WITHIN \_\_\_\_\_ OF A FIBERGLASS SINGLE GANG BOX?
8. WHAT SIZE COPPER FEEDERS WOULD BE USED TO FEED A 200 AMP RESIDENTIAL PANEL? \_\_\_\_\_
9. WHAT SIZE ALUMINUM FEEDERS WOULD BE USED TO FEED A 100 AMP RESIDENTIAL PANEL? \_\_\_\_\_
10. A CIRCUIT CONTAINS 1800 WATTS OF LOAD, THE VOLTAGE IS 120 VOLTS, WHAT IS THE TOTAL AMPERAGE OF THIS CIRCUIT? \_\_\_\_\_

11. WIRES SHALL NOT BE INSTALLED WITHIN \_\_\_\_\_ OF AN ATTIC ACCESS OR SCUTTLE HOLE.
  
12. IN OTHER THAN RESIDENTIAL CALCULATIONS, AN ORDINARY RECEPTACLE OUTLET SHALL BE CALCULATED AT \_\_\_\_\_ WATT V.A.?
  
13. IN AN ELECTRIC DRYER CIRCUIT, WHAT SIZE WIRE MUST BE PULLED? \_\_\_\_\_ AND WHAT SIZE BREAKER SHOULD IT BE LANDED UNDER? \_\_\_\_\_
  
14. WHAT IS THE LARGEST HOLE THAT CAN BE DRILLED THROUGH A 2"X4" STUD? \_\_\_\_\_
  
15. IF THE HOLE IS LARGER, WHAT MUST BE INSTALLED? \_\_\_\_\_
  
16. A SWITCH BOX CONTAINS 2/ 14-3 ROMEX CABLES AND 2/ 14-2 ROMEX CABLES AND 2/ 3-WAY SWITCHES, WHAT IS THE MINIMUM BOX SIZE REQUIRED, IN CUBIC INCHES? \_\_\_\_\_
  
17. A SWITCH BOX CONTAINS 4/ 12-2 ROMEX CABLES AND 2 SINGLE POLE SWITCHES, WHAT IS THE MINIMUM BOX SIZE, IN CUBIC INCHES? \_\_\_\_\_
  
18. A SWITCH BOX CONTAINS 3/ 14-2 ROMEX CABLES, 1 SINGLE POLE SWITCH AND A DUPLEX RECEPTACLE, WHAT IS THE MINIMUM BOX SIZE, IN CUBIC INCHES? \_\_\_\_\_
  
19. A CIRCUIT LOAD HAS 5/ 75 WATT RECESS CANS AND 7/ 100 WATT KEYLESS FIXTURES, WHAT IS THE TOTAL WATTAGE? \_\_\_\_\_ AND WHAT IS THE TOTAL AMPERAGE IF 120 VOLTS IS APPLIED? \_\_\_\_\_