Solve the following problems and write your answers on the answer sheet. Please show your work.

1. 311
   $\times\ 7$

A. 2477
B. 2177
C. 2077
D. 207
E. None of the above

2. 603 x 2 =

A. 1026
B. 1226
C. 1306
D. 1206
E. .None of the above

3. 32 x 21 =

A. 96
B. 672
C. 960
D. 762
E. None of the above

4.   54
   x 4

A. 216
B. 206
C. 226
D. 228
E. None of the above

5. 989
   x 5

A. 4495
B. 4545
C. 4954
D. 4454
E. None of the above

6. 605
   x 3

A. 1845
B. 1815
C. 1805
D. 1885
E. None of the above

7. 42 x 79 =

A. 3318
B. 662
C. 2208
D. 3208
E. None of the above

8. 22,086
   x   65

A. 147,560
B. 147,650
C. 1,435,590
D. 1,435,600
E. None of the above

9. $4 \overline{)328}$

A. 72
B. 802
C. 82
D. 702
E. None of the above

10. 279 ÷ 8 =

A. 304 R 7
B. 35
C. 404 R 7
D. 305 R 7
E. None of the above

11. $9 \overline{)8109}$

A. 91
B. 901
C. 910
D. 90
E. None of the above

12. $6 \overline{)4218}$

A. 730
B. 73
C. 6
D. 703
E. None of the above

13. 272 ÷ 34 =

A. 8
B. 7 R 4
C. 80
D. 71
E. None of the above

14. $47 \overline{)380}$

A. 80 R 4
B. 84
C. 8 R 4
D. 84 R 4
E. None of the above

15. 62)‾4839‾

A. 78 R 3

B. 708 R 3
C. 780 R 3
D. 783
E. None of the above

16. A carpenter works a total of 240 hours on a job. If he works 8 hours a day, 5 days per week, how many weeks did he work?

A. 40   B. 8
C. 6   D. 48

17. An electrical company employs 8 people. Two people earn $7 per hour, three people earn $9 per hour, and three people earn $10 per hour. What is the total amount earned in an 8-hour day?

A. $568   B. $208
C. $71   D. $41

18. If 1 h.p. (horse power) equals 746 watts, what is the total power of a 7 h.p. motor?

A. 5022 watts   B. 5222 watts
C. 5182 watts   D. 5082 watts

19. George is an electrician who must wire 24 outlets. If each outlet requires 22 feet of wire, how much wire does he need?

A. 428   B. 528
C. 518   D. 418

20. Jeremy used 672 feet of wiring for 21 outlets. What was the average number of feet of wire used per outlet?

A. 34   B. 40
C. 32   D. 42

Answer Key

1.   B

2.   D

3.   B

4.   A

5.   E

6.   B

7.   A

8.   C

9.   C

10.   E

11.   B

12.   D

13.   A

14.   C

15.   A

16.   C

17.   A

18.   B

19.   B

20.   C