

BUSINESS/8

SNOWDAY PACKET

MR. DAVE ARMENTROUT

COMPLETE ONLY ONE (1) OF THE FOLLOWING ASSIGNMENTS FOR EACH DAY WE ARE OFF FOR A SNOW DAY IN WHICH IT IS STATED "SNOWDAY PACKET" PLEASE BRING THE PACKET BACK WITH YOU ON THE FIRST DAY THAT WE RETURN BACK TO SCHOOL. IF YOU HAVE ANY QUESTIONS PLEASE CONTACT THE SCHOOL.

Name _____

Date _____

Directions Complete the following problems.

A. Write the numeral and the position the underlined digits represent.

OBJECTIVE 1

- | | |
|----------------------------|----------------------------|
| 1. 6 <u>4</u> 5 _____ | 2. 42, <u>3</u> 49 _____ |
| 3. 27. <u>0</u> 2 _____ | 4. <u>6</u> 7,256.1 _____ |
| 5. <u>2</u> ,765,437 _____ | 6. 95. <u>5</u> 49 _____ |
| 7. <u>8</u> 4 _____ | 8. 2, <u>4</u> 25 _____ |
| 9. <u>4</u> 48.394 _____ | 10. 232. <u>2</u> 65 _____ |
| 11. <u>5</u> 67 _____ | 12. 1,00 <u>7</u> .1 _____ |
| 13. 1.979 <u>5</u> 1 _____ | 14. <u>7</u> 3.50 _____ |
| 15. <u>3</u> 00,511 _____ | 16. 0. <u>4</u> 38 _____ |
| 17. 0.000 <u>5</u> 2 _____ | 18. <u>6</u> 43.95 _____ |
| 19. <u>7</u> ,811 _____ | 20. 1. <u>6</u> 2 _____ |

B. Write numerals for the following word forms.

OBJECTIVE 2

- | | |
|--|-------|
| 21. One hundred thirty | _____ |
| 22. Ninety-five thousand two hundred twenty | _____ |
| 23. Seventy-three and sixty-five hundredths | _____ |
| 24. Six million three thousand twenty-one | _____ |
| 25. Five thousand six hundred and thirty-four thousandths | _____ |
| 26. Three hundred eleven | _____ |
| 27. One thousand two | _____ |
| 28. Nine hundred six | _____ |
| 29. Four billion | _____ |
| 30. Twenty-six hundredths | _____ |
| 31. Three billion, thirty-four million, six thousand forty | _____ |
| 32. Fifty-one and six thousandths | _____ |
| 33. One hundred nine and four tenths | _____ |
| 34. Seven thousand, four hundred, sixty-two and three hundredths | _____ |
| 35. Five hundred and eighteen hundredths | _____ |

D. Complete the following problems.

OBJECTIVE 5

$$\begin{array}{r} 21. \quad 3,226 \\ \quad 231 \\ \quad 50 \\ + 1,257 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 45,112 \\ \quad 3,785 \\ \quad 221 \\ + 9,353 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 70,001 \\ \quad 3,223 \\ \quad 75 \\ + 15,280 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 398 \\ \quad 4,567 \\ \quad 197 \\ + 8,199 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 33,423 \\ \quad 37 \\ \quad 1,445 \\ + 25,256 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 98.000 \\ \quad 7.455 \\ \quad 0.290 \\ + 14.230 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 0.455 \\ \quad 0.23 \\ \quad 1.096 \\ + 0.905 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 1.223 \\ \quad 0.6 \\ \quad 0.9855 \\ + 2.0505 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 77.44 \\ \quad 2.9 \\ \quad 36.97 \\ + 85.31 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 9.99 \\ \quad 5.32 \\ \quad 0.355 \\ + 6.999 \\ \hline \end{array}$$

$$\begin{array}{r} 31. \quad 7.222 \\ \quad 0.579 \\ \quad 0.166 \\ + 1.02 \\ \hline \end{array}$$

$$\begin{array}{r} 32. \quad 4.9123 \\ \quad 0.288 \\ \quad 0.76 \\ + 7.987 \\ \hline \end{array}$$

$$\begin{array}{r} 33. \quad \$27.50 \\ \quad 15.95 \\ \quad 1.99 \\ + 83.11 \\ \hline \end{array}$$

$$\begin{array}{r} 34. \quad \$1.98 \\ \quad 3.01 \\ \quad 7.55 \\ + 5.05 \\ \hline \end{array}$$

$$\begin{array}{r} 35. \quad \$98.88 \\ \quad 7.27 \\ \quad 90.10 \\ + 27.01 \\ \hline \end{array}$$

$$\begin{array}{r} 36. \quad \$0.50 \\ \quad 35.35 \\ \quad 4.83 \\ + 19.90 \\ \hline \end{array}$$

$$\begin{array}{r} 37. \quad \$270.33 \\ \quad 98.50 \\ \quad 452.66 \\ + 28.75 \\ \hline \end{array}$$

$$\begin{array}{r} 38. \quad \$1,887.50 \\ \quad 228.11 \\ \quad 5.50 \\ + 3,322.57 \\ \hline \end{array}$$

$$\begin{array}{r} 39. \quad \$27,994.22 \\ \quad 3,097.45 \\ \quad 329.90 \\ + 98,203.97 \\ \hline \end{array}$$

$$\begin{array}{r} 40. \quad 3,007 \\ \quad 15,097 \\ \quad 2,493 \\ + 45 \\ \hline \end{array}$$

E. Complete the following problems by adding horizontally. Write your answers, showing maximum decimals, in the blanks provided.

OBJECTIVE 6

41. $7,320 + 5,921 =$ _____

42. $334.50 + 9.78 =$ _____

43. $131 + 439 + 874 =$ _____

44. $3.95 + 4.95 + 3.25 + 6.15 =$ _____

45. $2,106 + 973 + 229 + 14 =$ _____

46. $19.16 + 0.99 + 1.66 =$ _____

47. $8,695,030 + 46,788 =$ _____

48. $312.35 + 345.09 + 0.22 =$ _____

49. $169 + 25 + 198 + 37 =$ _____

50. $6.4 + 3.75 + 9.2 + 12 =$ _____

F. Solve the following word problems. Write your answers in the blanks provided. Place commas and dollar signs where appropriate.

51. Carlota played 9 holes of golf. She scored the following on each hole: 5, 5, 4, 6, 4, 4, 3, 5, and 4. Total all 9 scores and determine her total score for 9 holes of golf. _____
52. Maria checked her grocery receipt to determine whether the amounts paid for each of her ten purchases had been added correctly. The following numbers appeared on her slip: \$1.98, \$0.89, \$3.29, \$2.76, \$4.11, \$1.19, \$0.79, \$0.84, \$1.00, \$3.25. Add the numbers and determine the total. _____
53. Rafael Molina decided to increase his investment portfolio to include small cap technology stocks. He purchased 100 shares each of Robotic Visions, Inc., costing \$298; DSL.net, Inc., costing \$320; and Secure Blue, costing \$225. What was Rafael's total investment? _____
54. Roscoe purchased four new CDs for his blues collection. He paid \$15.00, \$14.95, \$12.95, and \$15.00. Tax on the purchase was \$4.56. How much was Roscoe's purchase? _____
55. Bryan, the office manager for Bailey & Gorman law firm, decided to redecorate the firm's client waiting area. He purchased a library table for \$375, a lamp for \$99, a picture for \$24.95, a flower arrangement for \$69.95, and a mantel clock for \$389. How much money did Bryan spend? _____
56. Khan decided to carpet his house. He wanted to estimate the amount of carpet he would need before he went shopping. The square footage for each room in the house was 205, 90, 900, 300, 250, 275, and 200. How many square feet of carpet must Khan buy in order to carpet his entire house? _____
57. For Memorial Day, Dos Rios Campgrounds rented these campsites: 39 tent-only campsites, 86 water and electricity campsites, and 110 full-hookup campsites. Forty-five campsites were not rented. How many total campsites at Dos Rios were available for rental? _____
58. Johnson's Gourmet Sandwich Shop sold 86 Cucumber and Apricot sandwiches, 63 Focaccia Turkey Club sandwiches, 110 South of the Border sandwiches, 120 Monte Cristo sandwiches, 75 Grilled Tofu sandwiches, and 91 Eggplant sandwiches. How many sandwiches were sold? _____
59. Cory drove a cab part time while in college on weekends. For regular fares, the meter tracks the total fares and miles; however, the local hospital provides vouchers for patients who need transportation to and from therapy. Cory's total vouchers were \$322.50 and his total credit card receipts were \$205.90. What was his total for the vouchers and credit card receipts? _____
60. Steamboat Springs Properties rented 48 condos during their early season (November 26–December 12), 92 during preholiday (December 13–19), and 225 during the holiday season (December 20–January 4). How many condos were rented? _____

1.4 Exercises

Name _____

Date _____

Directions Solve the following problems. Write your answers in the blanks provided. Place commas and dollar signs in answers where appropriate.

A. Multiply the following whole numbers.

OBJECTIVE 2

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|--------------------------|-------|----------------------------|-------|
| 1. $233 \times 793 =$ | _____ | 2. $1,298 \times 333 =$ | _____ |
| 3. $45 \times 106 =$ | _____ | 4. $132 \times 855 =$ | _____ |
| 5. $92 \times 82 =$ | _____ | 6. $2,521 \times 1,459 =$ | _____ |
| 7. $\$998 \times 21 =$ | _____ | 8. $987 \times 19,151 =$ | _____ |
| 9. $8,201 \times 653 =$ | _____ | 10. $\$1,448 \times 188 =$ | _____ |
| 11. $1,995 \times 249 =$ | _____ | 12. $144 \times 144 =$ | _____ |
| 13. $12,557 \times 77 =$ | _____ | 14. $57 \times 897 =$ | _____ |
| 15. $2,855 \times 98 =$ | _____ | 16. $1,992 \times 123 =$ | _____ |
| 17. $46 \times 144 =$ | _____ | 18. $1,899 \times 82 =$ | _____ |
| 19. $566 \times 38 =$ | _____ | 20. $521 \times 476 =$ | _____ |
-
- | | | | | |
|---|--|---|---|--|
| 21. $\begin{array}{r} 1,958 \\ \times 46 \\ \hline \end{array}$ | 22. $\begin{array}{r} 472 \\ \times 326 \\ \hline \end{array}$ | 23. $\begin{array}{r} 148 \\ \times 47 \\ \hline \end{array}$ | 24. $\begin{array}{r} 397 \\ \times 26 \\ \hline \end{array}$ | 25. $\begin{array}{r} 769 \\ \times 595 \\ \hline \end{array}$ |
|---|--|---|---|--|

B. Multiply the following decimals. Show maximum decimals.

OBJECTIVE 3

- | | | | | |
|--|--|--|---|---|
| 26. $\begin{array}{r} 0.3952 \\ \times 0.4834 \\ \hline \end{array}$ | 27. $\begin{array}{r} 76.9 \\ \times 48.2 \\ \hline \end{array}$ | 28. $\begin{array}{r} 1.111 \\ \times 1.3 \\ \hline \end{array}$ | 29. $\begin{array}{r} \$86.92 \\ \times 0.05 \\ \hline \end{array}$ | 30. $\begin{array}{r} \$12.37 \\ \times 0.0008 \\ \hline \end{array}$ |
|--|--|--|---|---|

C. Multiply the following decimals and money amounts. Round your answers to the nearest cent.

OBJECTIVE 3

- | | | | |
|------------------------------|-------|-----------------------------|-------|
| 31. $\$2.46 \times 2.7 =$ | _____ | 32. $\$1.76 \times 8.21 =$ | _____ |
| 33. $\$1.98 \times 15 =$ | _____ | 34. $\$8.54 \times 122 =$ | _____ |
| 35. $\$109.98 \times 2.91 =$ | _____ | 36. $\$2.29 \times 24 =$ | _____ |
| 37. $\$5.06 \times 1.06 =$ | _____ | 38. $\$0.21 \times 0.47 =$ | _____ |
| 39. $\$4.50 \times 892 =$ | _____ | 40. $\$45.75 \times 1.95 =$ | _____ |
| 41. $\$3.75 \times 4.68 =$ | _____ | 42. $\$0.02 \times 321.4 =$ | _____ |

D. Multiply the following numbers containing zeros.

OBJECTIVES 4, 5

- | | | | |
|----------------------------|-------|-----------------------------|-------|
| 43. $3,009 \times 50 =$ | _____ | 44. $\$5,090 \times 75 =$ | _____ |
| 45. $1,800 \times 206 =$ | _____ | 46. $20,000 \times 10 =$ | _____ |
| 47. $\$400 \times 202 =$ | _____ | 48. $8.008 \times 0.07 =$ | _____ |
| 49. $\$1,708 \times 105 =$ | _____ | 50. $6,005 \times 9.007 =$ | _____ |
| 51. $1,040 \times 20 =$ | _____ | 52. $\$27 \times 304 =$ | _____ |
| 53. $701 \times 22 =$ | _____ | 54. $\$104.05 \times 101 =$ | _____ |

E. Find the following accumulations of products. For money amounts, round to the nearest cent.

OBJECTIVE 6

- | | | | |
|--------------------------|-------|------------------------------|-------|
| 55. $31 \times 54 =$ | _____ | 56. $1.87 \times 0.15 =$ | _____ |
| $47 \times 67 =$ | _____ | $5.43 \times 3.01 =$ | _____ |
| $90 \times 28 =$ | _____ | $0.32 \times 2.95 =$ | _____ |
| Total = | _____ | Total = | _____ |
| 57. $\$0.59 \times 18 =$ | _____ | 58. $\$25.40 \times 12.98 =$ | _____ |
| $\$0.29 \times 68 =$ | _____ | $\$98.99 \times 31.50 =$ | _____ |
| $\$0.99 \times 72 =$ | _____ | $\$17.49 \times 25.88 =$ | _____ |
| Total = | _____ | Total = | _____ |

F. Solve the following word problems.

OBJECTIVES 2-6

59. Madison Furniture Company ordered 4 sofa sleepers at \$599 each, 3 love seats at \$199 each, and 3 ottomans at \$79 each. What was the total purchase price of all the furniture ordered? _____
60. Meredith worked part-time sacking groceries and checking at the cash register for a local food store. When she sacked groceries, she was paid \$7.25 per hour. When she checked, she was paid \$8.50 per hour. Monday she checked and worked 8 hours, Tuesday she sacked and worked 4 hours, Wednesday she did not work, Thursday she checked and worked 8 hours, and Friday and Saturday she sacked and worked 8 hours each day. What were Meredith's total wages earned before taxes for the week? _____
61. Jesse Morton sold 3 cars he had restored to like-new condition. He received \$18,000 each for the cars. What was the total price he received for the 3 cars? _____
62. An accident occurred causing damage to 2 cars. Each owner took his car to Carlos' Repair Shop for estimates. Carlos estimated each car needed a new fender at \$1,990, a new bumper at \$850, and a new headlight assembly at \$250. What was the total estimate for 1 car? for 2 cars? _____