

Snow Packet

1-5

7th Grade

Mr.

Armentrout

Find each amount to the nearest cent.

8. 7% of \$626 _____ 9. 11% of \$242.50 _____ 10. 12% of \$2,375 _____
 11. 50% of \$6,100 _____ 12. 1% of \$6,400,000 _____ 13. 9% of \$12.38 _____

Application Exercises

14. Luis bought a toaster oven that cost \$35.00. The sales tax rate was 5%. How much tax did Luis pay?
15. Kent County imposes a 3% sales tax. How much sales tax would All pay on an item that cost \$1,200.00?
16. A treadmill sells for \$965.80. Find the total price, if there is a 9% sales tax.
17. Jackie bought \$15,000 of furniture that was taxed at 5.25%. What was Jackie's furniture total bill?
18. Complete the table.
19. Artie went shopping at Benny's Bargain Basement. His original sales receipt is shown. Artie decided to return the \$15.00 item. How much should be refunded?

Item	Unit Price	Amount
5 gallons of milk	\$2.20 per gallon	a.
3 dozen eggs	\$1.25 per dozen	b.
2 bags of sugar	\$1.50 per bag	c.
4 bags of flour	\$1.60 per bag	d.
	Subtotal	e.
	6% tax	f.
	Total	g.

Benny's Basement	
Nov 17	
	23.85
	6.00
	15.00
	12.50
	<u>2.65</u>
subtotal	60.00
8% tax	4.80
total	64.80

20. Glendale County residents are charged 4% sales tax. Richmond County residents are charged 6% sales tax. A Glendale dealership lists a car for \$16,900. A Richmond dealership sells the same car for \$15,500. These prices do not include sales tax. Sales tax is charged on the purchaser's county of residence.
- What is the sales tax on the car at the Glendale dealership for a Glendale resident?
 - What is the sales tax on the car at the Glendale dealership for a Richmond resident?
 - What is the sales tax on the car at the Richmond dealership for a Richmond resident?
 - What is the sales tax on the car at the Richmond dealership for a Glendale resident?
 - What is the cost difference in the car for each resident?

Practice Exercises

List the number of days of each month.

- | | | | | | |
|-------------|-------|--------------|-------|--------------|-------|
| 1. January | _____ | 2. February | _____ | 3. March | _____ |
| 4. April | _____ | 5. May | _____ | 6. June | _____ |
| 7. July | _____ | 8. August | _____ | 9. September | _____ |
| 10. October | _____ | 11. November | _____ | 12. December | _____ |

Simplify.

- | | | | | | |
|---------------|-------|---------------|-------|----------------|-------|
| 13. $31 - 16$ | _____ | 14. $15 + 28$ | _____ | 15. $120 - 53$ | _____ |
| 16. $30 - 13$ | _____ | 17. $90 - 61$ | _____ | 18. $24 + 29$ | _____ |

Application Exercises

19. Complete the table.

Item	Purchase Date	Length of Warranty	Warranty Expiration Date
<i>ceiling fan</i>	<i>June 3</i>	<i>90 days</i>	a.
<i>car alarm</i>	<i>April 28</i>	<i>60 days</i>	b.
<i>gas barbecue</i>	<i>July 4</i>	<i>30 days</i>	c.
<i>television</i>	<i>August 3</i>	<i>90 days</i>	d.

20. Akira bought a used car on July 30. It came with a 1-year warranty. On May 27 of the following year, Akira noticed that her car's air conditioning was not working. Had the warranty expired by May 27?
21. A local department store offers a 60-day full warranty on all goods in addition to the manufacturer's warranty. Stan bought a microwave oven on June 8. When does the department store's warranty expire?
22. The Squeaky-Klean Dishwasher Company gives limited warranties for 60 days on all of its dishwashers. Nina bought a dishwasher on June 26. It stopped working on August 18. Was the product covered under warranty?
23. On December 1, Ruth bought a food processor. If after 30 days, she isn't completely satisfied, she can return the product to the place she purchased it for a full refund. By what date must she return the food processor for a full refund?
24. Janine has 94 days left on the warranty on her electric guitar. It is September 23. When does her warranty expire?
25. The 90-day warranty on Rose's telephone expires on November 9. On what date did Rose purchase the telephone?

Application Exercises

7. Complete the table.

Item	Unit Price	Quantity	Total Price
<i>vinegar</i>	<i>\$0.15 per fluid ounce</i>	a.	<i>\$3.90</i>
<i>cheese</i>	<i>\$1.89 per pound</i>	<i>4.5 lb</i>	b.
<i>ribbon</i>	<i>\$1.90 per foot</i>	c.	<i>\$17.10</i>
<i>broccoli</i>	<i>\$0.99 per pound</i>	d.	<i>\$2.97</i>
<i>peaches</i>	<i>\$0.69 per pound</i>	<i>2.7 lb</i>	e.
<i>turkey</i>	<i>\$5.99 per pound</i>	<i>$\frac{1}{2}$ lb</i>	f.
<i>rice</i>	<i>\$0.18 per ounce</i>	<i>24 oz</i>	g.

8. A bag of potatoes weighs 15 pounds. At \$0.59 per pound, what is the price for the bag of potatoes?
9. A 50-foot piece of chain link sells for \$17. What is the unit price?
10. Bill picked up a bag of apples marked 9 pounds for \$5.85. He weighed the apples on the customer scale, which read 7.2 pounds. If the scale is correct, how many pounds off is the label and what should the total price be?
11. Mary reads the label on a package of boneless chicken breasts. The chicken weighs 4.1 pounds and costs \$2.99 per pound. The price on the label is \$15.26. Is the price on the label correct? If not, what should the price on the label be?
12. Kieran is changing the oil in his car. He needs five quarts of oil. The 5-quart container costs \$8.99. Individual 1-quart containers cost \$1.85. Which should he buy if he wants the better buy?
13. Adriana is comparing the price of fruit salad at two deli stores: Lubbock's sells a 3-ounce container for \$4.05, and Austin's sells a 9-ounce container for \$12.15. Which store has the lower unit price?
14. At a gas station, you can buy a 40-fluid ounce bottle of windshield wiper fluid for \$1.20. At an auto parts store, a 32-fluid ounce container sells for \$1.00.
- What is the unit price per fluid ounce at the gas station?

 - What is the unit price per fluid ounce at the auto parts store?

 - Which store offers the better buy?

Subtract.

5. $15.19 - 6.13$ _____ 6. $213.1 - 4.2$ _____
 7. $163.004 - 4.1$ _____ 8. $17.9 - 6.12$ _____

Multiply.

9. 69.13×4.1 _____ 10. 12.1×6 _____
 11. 12.1×0.06 _____ 12. 16.2×8.9 _____

Application Exercises

13. Lindsay bought eight SuperCell batteries for her CD player. The batteries are sold in two-packs for \$2.95. She received a rebate form for \$0.50 off each package. What was the final cost of the batteries?
14. Mr. Fernandez ordered four large pizzas for his volleyball team. Each pizza cost \$16.95. He had a coupon that allowed him to take \$3.25 off two of the pizzas. How much did the four pizzas cost?
15. Nancy is buying equipment for the Jamestown girls' softball team. She purchases a dozen balls and three bats. The balls are \$4.75 each and the bats are \$39.50 each. Find the total cost of these items.
16. Phil is buying one gross of guitar picks (1 gross = 144 units). The picks cost \$0.13 each. The cashier writes out a sales receipt with a subtotal of \$19.72. Is this subtotal correct? If not, what is the correct subtotal?
17. Find the missing amounts on the invoice.

GRUDMAN'S POOL SERVICE			
Quantity	Description	Unit Price	Amount
3 gallons	algaeicide	\$27.50 per gallon	a.
20 tablets	chlorine tablets	\$1.15 per tablet	b.
2 covers	solar covers	\$180.00 per cover	c.
Subtotal			d.

18. The manager for Martino's Pizza is reviewing the order of ingredients for next week. He notices a mistake on the order form. Find the mistake and correct the order form.

ART'S PIZZA SUPPLIES			
Quantity	Ingredients	Unit Price	Amount
3 cans	tomato sauce	\$9.00 per can	\$27.00
120 lb	flour	\$0.90 per pound	\$180.00
60 lb	pizza cheese	\$3.50 per pound	\$210.00
Subtotal			\$417.00

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> 9 | _____ | 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 | _____ |