

Warm-Up

- Write the percent as a fraction and decimal
 - 5%
 - 6%
 - 12%
 - 6.5%
 - 8%

Consumer Finance

CHAPTER 3: SHOPPING FOR CLOTHES
LESSON 1: READY-TO-WEAR

Vocab

At (@) – A term and a symbol used to indicate unit price

Sales Tax – A tax figured as a percentage of the purchase price and collected by the seller

| | | | |
|--------|---------------|-------|---------|
| SHIRT | \$21.95 | VEST | \$35.00 |
| SOCKS | \$1.79 a pair | JEANS | \$31.95 |
| JACKET | \$64.59 | SHOES | \$47.99 |
| DRESS | \$25.99 | | |

| Purchases | Tax |
|--|------|
| 1. 1 sock and 1 jeans | 6% |
| 2. 2 socks, 1 jeans, 3 shirts, and 2 vests | 5% |
| 3. 3 socks, 1 jacket | 6.5% |
| 4. Dress and 2 vests | 4% |

How did we accomplish this task? What steps did we take?

Student Problems!

... AKA... now its your turn.

| Purchases | Tax |
|--|------|
| 1. 2 jeans, 1 sock, 1 shoe | 7% |
| 2. Vest, shirt, 2 socks, shoe, and 2 jeans | 5.5% |
| 3. 4 shoes and 4 socks | 3% |
| 4. 2 Dresses, 2 jeans, and 3 socks | NONE |

| | | | |
|--------|---------------|-------|---------|
| SHIRT | \$21.95 | VEST | \$35.00 |
| SOCKS | \$1.79 a pair | JEANS | \$31.95 |
| JACKET | \$64.59 | SHOES | \$47.99 |
| DRESS | \$25.99 | | |

Independent Problems!

Get these problems CHECKED by me.

| Purchases | Tax |
|---|------|
| 1. 3 socks, 2 shoes, and 1 shirt | 8% |
| 2. 3 dresses, 1 jeans, 2 vests, and 1 shoes | 6% |
| 3. 7 socks and 4 jeans | 6.5% |

| | | | |
|--------|---------------|-------|---------|
| SHIRT | \$21.95 | VEST | \$35.00 |
| SOCKS | \$1.79 a pair | JEANS | \$31.95 |
| JACKET | \$64.59 | SHOES | \$47.99 |
| DRESS | \$25.99 | | |

What did we learn how to do today?

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Lesson 1: Activity 1

- Lorelei wants to buy an Under Armour Women's Armour Fleece Hoody and a pair of Under Armour Women's Armour Fleece Pant. How much will her total be before tax? How much is her total with the 6% sales tax.
- Mrs. Bishop decided to use this to buy all her Christmas presents. She is buying one of everything except for the Under Armour Team Armourstorm Pant. What is her total before tax? How much is her total with 6% sales tax.
- Create your own order of at least three items. Calculate your total cost as well as your cost with 6% sales tax.

Lesson 1: Activity 2

- Create your DREAM Christmas List of five items.
- Estimate what you think the cost of these five items will be.
- Calculate your total and your total with a 6% sales tax.
- Take your list home and look up the REAL prices of your five items. Calculate your real total and your real total with a 6% sales tax.

Warm-Up

- Solve
 - 100-57
 - 63-24
 - 43-19
 - 150/3
 - 75/6

Consumer Finance

CHAPTER 3: SHOPPING FOR CLOTHES

LESSON 2: SALE PRICES

LESSON 3: PERCENT SAVED

Calculate amount saved and percent saved

| | Item | Reg Price | Sale Price |
|----|-------|-----------|------------|
| 1. | Dress | \$60.00 | \$52.99 |
| 2. | Belt | \$17.50 | \$15.99 |
| 3. | Coat | \$125.00 | \$95.90 |
| 4. | Shoes | \$35.80 | \$29.95 |

How did we accomplish this task? What steps did we take?

Student Problems!

...AKA... now it's your turn.

Calculate amount saved and percent saved

| | Item | Reg Price | Sale Price |
|----|--------|-----------|------------|
| 1. | Gloves | \$15.00 | \$12.59 |
| 2. | Socks | \$3.29 | \$1.79 |
| 3. | Vest | \$42.50 | \$37.75 |
| 4. | Suit | \$765.00 | \$635.00 |

Independent Problems!

Get these problems CHECKED by me.

Calculate amount saved and percent saved

| | Item | Reg Price | Sale Price |
|----|--------|-----------|------------|
| 1. | Hat | \$19.99 | \$14.75 |
| 2. | Jersey | \$187.99 | \$164.25 |
| 3. | Shirt | \$49.95 | \$38.95 |

What did we learn how to do today?

Lesson 1:

Lesson 2:

Lesson 2: Activity 1

Fill in the following chart using the information on the CSD Faculty Store Flier

| | Regular Price | Sale Price | Amount Saved |
|---|---------------|------------|--------------|
| Under Armour Youth Armour® 100% Cotton Jersey | | | |

Lesson 3: Activity 1

Using the information in the chart from Lesson 2: Activity 1. Find the percent saved for each item.

| | Percent Saved |
|---|---------------|
| Under Armour Youth Armour® 100% Cotton Jersey | |

Ready-to-Wear

EXAMPLE

Jordan is going on his first winter camping trip. He needs to buy warm camping clothes. In the newspaper, he finds an ad for a camping supply sale. Jordan bought 2 pairs of wool socks for \$6.99 each, a waterproof jacket for \$55.00, and 2 pairs of thermal underwear for \$12.50 each. The state sales tax is 5.25%. What is his total cost?

Step 1 Multiply, then add to find the total cost.

$$\begin{array}{r} 2 \text{ pairs wool socks @ } \$6.99 = \$13.98 \\ \text{jacket @ } \$55.00 = 55.00 \\ 2 \text{ pairs underwear @ } \$12.50 = + 25.00 \\ \hline \$93.98 \end{array}$$

Step 2 Multiply the cost by the sales tax rate.

Round to the next higher cent. (Note: some states use rounding to nearest cent, others raise to the next cent.)

$$\begin{array}{r} \$93.98 \text{ Cost of clothes} \\ \times .0525 \text{ Tax rate} \\ \hline \$4.93395 \text{ Sales Tax} = \$4.94 \text{ Sales tax} \end{array}$$

Step 3 Add the sales tax to the cost to find the total amount Jordan will pay.

$$\begin{array}{r} \$93.98 \text{ Cost of clothes} \\ + 4.94 \text{ Sales Tax} \\ \hline \$98.92 \text{ Total Amount} \end{array}$$

Jordan paid \$98.92 for his purchases.

Directions Find the cost of each set of purchases. Find the sales tax, rounding to the next higher cent. Then add the sales tax to the cost to find the total amount paid.

| | Shopper | Purchases | Cost of Purchases | Tax Rate | Sales Tax | Total Amount Paid |
|----|---------|---|-------------------|----------|-----------|-------------------|
| 1. | Serena | 2 bathing suits @ \$29.00 flippers, \$18.79 | | 5% | | |
| 2. | Boris | hiking boots, \$104.59 4 pair socks @ \$12.99 | | 6% | | |
| 3. | Jane | poncho, \$49.99 boots @ \$29.99 | | 7% | | |
| 4. | Liu | backpack, \$149 ⁰⁰ 2 kercheifs, @ \$5 ⁰⁰ | | 4% | | |
| 5. | Raven | pocket pants, \$29.99 5 pairs sweats, \$39.99 | | 4% | | |
| 6. | Bob | ski gloves, \$24.97 3 scarves @ \$5.85 | | 5% | | |
| 7. | Myan | sun hat, \$7 ⁹⁹ shorts, \$14.97 | | 3.5% | | |



Finding Amount Saved on Sale Prices

EXAMPLE

JJ works hard and plays hard. He wants to be able to afford fun things so he looks for bargains. He has found a skateboard that regularly sells for \$125.00. It is on sale for 30% off. He decides to buy it. How much will he save? What will he pay?

Step 1 Multiply to find the amount saved.

$$\$125 \times 30\% =$$

$$\$125 \times .30 = \$37.50$$

Step 2 Subtract to find the Sale Price

$$\begin{array}{r} \$125.00 \text{ Regular price} \\ - 37.50 \text{ Amount Saved} \\ \hline \end{array}$$

$$\begin{array}{r} \$125.00 \text{ Regular price} \\ - 37.50 \text{ Amount Saved} \\ \hline \end{array}$$

$$\$87.50 \text{ Sale Price}$$

JJ saved \$37.50 on the sale price. He will pay \$87.50.

Directions Find the amount saved on the sale price.

| | Item | Regular Price | Discount | Amount Saved | Sale Price |
|-----|-------------------------|---------------|----------|--------------|------------|
| 1. | Airline ticket | \$399.00 | 12% | | |
| 2. | Music CD | \$14.99 | 10% | | |
| 3. | Inline skates | \$240.00 | 20% | | |
| 4. | Boom box | \$79.50 | 15% | | |
| 5. | Best-selling book | \$29.95 | 20% | | |
| 6. | Mountain bike | \$749.50 | 5% | | |
| 7. | Hockey stick | \$10.00 | 10% | | |
| 8. | Camcorder | \$699.95 | 30% | | |
| 9. | Hair dryer | \$35.00 | 10% | | |
| 10. | DVD player | \$149.49 | 15% | | |
| 11. | Video game | \$39.95 | 10% | | |
| 12. | Concert tickets | \$42.00 | 5% | | |
| 13. | Cell phone | \$159.00 | 20% | | |
| 14. | Movie ticket | \$7.50 | 50% | | |
| 15. | Telephone card | \$25.00 | 20% | | |
| 16. | Handheld pc | \$249.00 | 15% | | |
| 17. | Digital camera | \$399.00 | 10% | | |
| 18. | Karaoke machine | \$99.99 | 30% | | |
| 19. | 53" HDTV monitor | \$3,010.00 | 17% | | |
| 20. | DVD home theater system | \$600.00 | 17% | | |



Renaming Decimals as Percents

Method: Move the decimal point two places to the right and write a percent symbol.

EXAMPLE Rename 0.45 as a percent.

$$0.45 = 45\%$$

EXAMPLE Rename 1.2 as a percent.

$$1.2 = 120\%$$

↑
Write a zero to
make two places.

EXAMPLE Rename 3 as a percent.

$$3 = 300\%$$

Directions Rename these decimals as percents.

1. $0.24 =$

13. $56.2 =$

25. $3.7 =$

37. $0.003 =$

2. $0.05 =$

14. $0.9 =$

26. $0.4 =$

38. $0.106 =$

3. $0.234 =$

15. $5.5 =$

27. $6.01 =$

39. $1.29 =$

4. $0.016 =$

16. $3.44 =$

28. $0.318 =$

40. $2 =$

5. $1.29 =$

17. $0.1 =$

29. $4.051 =$

41. $0.0452 =$

6. $2.33 =$

18. $0.91 =$

30. $1.8 =$

42. $0.444 =$

7. $0.002 =$

19. $31.6 =$

31. $74.9 =$

43. $4.881 =$

8. $14.5 =$

20. $0.0035 =$

32. $82 =$

44. $0.0201 =$

9. $28.1 =$

21. $0.001 =$

33. $8.0 =$

45. $0.0001 =$

10. $5.2 =$

22. $4 =$

34. $6.05 =$

46. $3.3 =$

11. $0.06 =$

23. $71 =$

35. $0.6 =$

47. $56 =$

12. $4.05 =$

24. $8.9 =$

36. $0.11 =$

48. $1.011 =$



