

LESSON
7-10 **Practice A**
Using Percents

Write the correct answer.

1. Glenn bought some candy that cost \$5.00. If he had to pay a 5% sales tax, how much did he pay for his candy in all?

2. Nathan has ordered a pizza that costs \$20.00. He wants to give the delivery person a 20% tip. How much should the tip be?

3. Jasmine wanted to buy a new pair of shoes that cost \$30.00. When she went to the store, she found that the shoes were on sale for 10% off. How much did Jasmin pay for her shoes?

4. Marie ordered a root beer float at the ice cream shop. The float was \$2.00, and she paid a 6% sales tax. How much did Marie pay for her root beer float in all?

5. Taylor has a coupon for 15% off any item in the toy store. The remote-control airplane he wants is \$40.00. How much will the airplane cost if Taylor uses his coupon?

6. Victor went to the barber to get a haircut. The haircut cost \$9.00. Victor gave the barber a 25% tip. How much did Victor spend at the barber shop altogether?

7. A CD is on sale for \$10.00. The sales tax rate is 6%. How much will the total cost be for the CD?

8. A video game costs \$25.00. The sales tax is 7%. How much will the total cost be for the game?

9. A bead store has a sign that reads "10% off the regular price." If Janice wants to buy beads that regularly cost \$6.00, how much will she pay for them after the store's discount?

10. Julie gets a 20% discount on all of the items in the clothing store where she works. If she buys a shirt that regularly costs \$45.00, how much money will she save with her employee discount?

LESSON 7-9 Puzzles, Twisters & Teasers

7-9 Odd Man Out!

In the problems below, two of the expressions mean the same thing, but one is different. Circle the one that is different. Write the circled letters in the corresponding spaces to solve the riddle.

1. 20% of 500 pages **A** 0.2 • 500 pages **W** 1,000 pages **P**
 2. $\frac{40}{1.25}$ **L** 50 **D** 125% of 40 **T**
 3. 20 minutes **R** 30% of an hour **N** $\frac{1}{3}$ of an hour **F**
 4. 40% complete **S** job is half-done **V** 60% more to do **I**
 5. 20 ÷ 5 discount **O** 20% discount **K** $\frac{1}{5}$ reduction in price **M**
 6. $\frac{3.6}{9}$ **B** 40% **H** 4 **E**

What starts with "E", ends with "E," but contains only one letter?

E N V E L O P E
 3 4 6 2 5 1



LESSON 7-10 Practice A

7-10 Using Percents

Write the correct answer.

1. Glenn bought some candy that cost \$5.00. If he had to pay a 5% sales tax, how much did he pay for his candy in all?
\$5.25
2. Nathan has ordered a pizza that costs \$20.00. He wants to give the delivery person a 20% tip. How much should the tip be?
\$4.00
3. Jasmine wanted to buy a new pair of shoes that cost \$30.00. When she went to the store, she found that the shoes were on sale for 10% off. How much did Jasmine pay for her shoes?
\$27.00
4. Marie ordered a root beer float at the ice cream shop. The float was \$2.00, and she paid a 6% sales tax. How much did Marie pay for her root beer float in all?
\$2.12
5. Taylor has a coupon for 15% off any item in the toy store. The remote-control airplane he wants is \$40.00. How much will the airplane cost if Taylor uses his coupon?
\$34.00
6. Victor went to the barber to get a haircut. The haircut cost \$9.00. Victor gave the barber a 25% tip. How much did Victor spend at the barber shop altogether?
\$11.25
7. A CD is on sale for \$10.00. The sales tax rate is 6%. How much will the total cost be for the CD?
\$10.60
8. A video game costs \$25.00. The sales tax is 7%. How much will the total cost be for the game?
\$26.75
9. A bead store has a sign that reads "10% off the regular price." If Janice wants to buy beads that regularly cost \$6.00, how much will she pay for them after the store's discount?
\$5.40
10. Julie gets a 20% discount on all of the items in the clothing store where she works. If she buys a shirt that regularly costs \$45.00, how much money will she save with her employee discount?
\$9.00

LESSON 7-10 Practice B

7-10 Using Percents

Write the correct answer.

1. Carl and Rita ate breakfast at the local diner. Their bill came to \$11.48. They gave their waitress a tip that was 25% of the bill. How much money did they give the waitress for her tip?
\$2.87
2. The school's goal for the charity fundraiser was \$3,000. They exceeded the goal by 22%. How much money for charity did the school raise at the event?
\$3,660
3. Rob had a 15% off coupon for the sporting goods store. He bought a tennis racket that had a regular ticket price of \$94.00. How much did Rob spend on the racket after using his coupon?
\$79.90
4. Lisa's family ordered sandwiches to be delivered. The total bill was \$21.85. They gave the delivery person a tip that was 20% of the bill. How much did they tip the delivery person?
\$4.37
5. A portable CD player costs \$118.26. The sales tax rate is 7%. About how much will it cost to buy the CD player?
\$126.54
6. Kathy bought two CDs that each cost \$14.95. The sales tax rate was 5%. About how much did Kathy pay in all?
\$31.40
7. Tom bought \$65.86 worth of books at the book fair. He got a 12% discount since he volunteered at the fair. About how much did Tom's books cost after the discount?
\$57.96
8. Sawyer bought a T-shirt for \$12.78 and shorts for \$17.97. The sales tax rate was 6%. About how much money did Sawyer spend altogether?
\$32.60
9. Melody buys a skateboard that costs \$79.81 and a helmet that costs \$26.41. She uses a 45% off coupon on the purchase. If Melody pays with a \$100 bill, about how much change should she get back?
\$41.58
10. Bruce saved \$35.00 to buy a new video game. The game's original price was \$42.00, but it was on sale for 30% off. The sales tax rate was 5%. Did Bruce have enough money to buy the game? Explain.
Yes; with the discount and sales tax, the total cost was \$30.87.

LESSON 7-10 Practice C

7-10 Using Percents

Write the correct answer. Estimates may vary.

1. A computer costs \$979.99. The sales tax rate is 7%. How much will the total cost be for the computer?
\$1,050
2. Sheila bought \$146.87 worth of groceries. The sales tax rate was 6%. How much did she spend in all?
\$155
3. Paul has saved \$37.50 to buy a hamster, a cage, and hamster food. The hamster cost \$5.50. The cage is on sale for 25% off the original price of \$29.90. The food cost \$2.64. The sales tax on the total is 5%. How much will Paul pay in all? How much of his savings will he have left over?
\$32.09; \$5.41
4. Jake has \$65.50 to buy a new pair of jeans and a shirt. The jeans he wants cost \$42.50, and the shirt costs \$29.50. He has a coupon for 15% off, and the sales tax is 5%. Will he have enough money? Explain.
Yes, the total cost is \$64.26, which is less than Jake has.
5. The bike Henry wants usually costs \$147.99. Today, it is on sale for 15% off. After an 8% sales tax, how much will Henry pay for the bike?
\$135.85
6. Scott's lunch bill is \$11.79. He gets an employee discount of 10% off. He leaves a 20% tip for the waitress. How much does Scott spend for lunch in all?
\$12.73
7. At Paint City, a gallon of paint with a regular price of \$17.99 is now 15% off. At Giant Hardware, the same paint usually costs \$21.99, but is now 24% off. Which store is offering the better deal?
Paint City
8. Chelsea and Raymond's dinner bill was \$57.82. They left the waitress a 26% tip. If they split the total cost of dinner evenly, how much did they each pay?
\$36.43
9. A store is having a going out of business sale for 55% off the ticketed prices. A pair of in-line skates has a ticketed price of \$59.85, and a scooter has a ticketed price of \$64.80. With a sales tax of 5%, how much will it cost to buy both items?
\$58.90
10. Troy works in a sporting goods store and gets an employee discount of 15% off any purchase. He wants to buy a fishing pole with a regular price of \$70.00. The fishing pole is on sale for 33% off. How much will Troy pay for the fishing pole?
\$39.87