

MORE PERCENT WORD PROBLEMS PRACTICE (TAX, TIP, DISCOUNT)

Review: To find the percent of a number, change the percent to a decimal and multiply.

Example: What is 30% of 50? Convert the percentage to a decimal by moving the decimal point two places to the left and remove the percent sign: $30\% = 0.30$ You then multiply 0.30×50 to find the percent: $0.30 \times 50 = 15 \rightarrow 15$ is 30% of 50.

Use the same method to solve the problems below.

1. The Sweater Shack is offering a 20% discount on sweaters. If the regular price of a sweater is \$15.00, what is the discount? _____ Subtract the discount you found from the regular price to find the sale price. _____
2. There are 30 students in Mrs. Jones class. Twenty percent of the students received an A on the last math test. How many students received an A? _____
3. Your parents took your family out to dinner. Your parents wanted to give the waiter a 15% tip. If the total amount of the dinner was \$42.00, what should be paid to the waiter as a tip? _____
4. Jean Junction is selling jeans at 15% off the regular price. The regular price is \$25.00 per pair. What is the discount? _____
5. Jeans Plus has a sign that says if you buy 3 pairs of jeans, you get \$10.00 off the total regular price. The regular price is \$25.00 per pair. Would you save more money shopping at Jean Junction or Jeans Plus? _____
6. A video game store has a 20% sale on all video games. If the game you wanted cost \$32.00, what would the discount be? _____
7. There are 435 representatives in the U.S. House of Representatives. Approximately 12.2% of the representatives are from California. How many representatives from California are there in the U.S. House of Representatives? Round your answer to the nearest whole number. _____
8. If the sales tax for the city of Los Angeles is 9.75%, how much tax would you pay for an item that costs \$200.00?

9. A small business spent \$23,000 for taxable items last year. The tax rate was 9.5%. How much did the small business pay in taxes last year? _____

Name: _____

Hour: _____

Tip and Tax Worksheet

Find the price of the meal with the given information.

1) Food bill before tax: \$30
Sales tax: 6.4% Tip: 15%

2) Food bill before tax: \$80
Sales tax: 7.9% Tip: 20%

3) Food bill before tax: \$45
Sales tax: 6.8% Tip: 24%

4) Food bill before tax: \$24
Sales Tax: 7.3% Tip: 18%

5) Food bill before tax: \$62
Sales tax: 8% Tip: 15%

6) Food bill before tax: \$35
Sales Tax: 5.8% Tip: 21%

7) Food bill before tax: \$32
Sales tax: 7.6% Tip: 13%

8) Food bill before tax: \$40
Sales Tax: 8% Tip: 17%

9) At a restaurant, you order a meal and a beverage that costs \$14. You leave a 20% tip and the sales tax is 6%. What is the total cost of the meal?

10) At a restaurant you order a lunch that costs \$6.50 and a beverage that costs \$1.50. You leave a 20% tip and the sales tax is 7%. What is the total cost?

11) You go out to breakfast and order a meal that costs \$7.24 and a coffee that costs \$2.65. There is a 6.4% sales tax and you leave a 25% tip. What is the cost of the meal?

12) You and a friend go out to dinner. The cost of the meal is \$45.22. You leave a 20% tip. The sales tax is 6%. What is the total cost of the meal?

13) You and a friend have dinner at a restaurant. Your meal costs \$15.85 and you leave an 18% tip and your friend's meal cost \$14.30 and he leave a 20% tip. If the sales tax is 6%, who spend more on his or her total bill?