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## Percentage Practice

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% = .30 You then multiply .30 X 50 to find the percent:  $.30 \times 50 = 15$  15 is 30% of 50.

Use the same method to solve the word problems below.

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. 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? 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?