Name _____

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 X 50 = 15   15 is 30% of 50.

Use the same method to solve the word 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? _____

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 Multiply .30 X 50 to find the percent: .30 X 50 = 15   15 is 30% of 50.

Use the same method to solve the word 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? **$3.00**   Subtract the discount you found from the regular price to find the sale price. **$12.00**

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? **6**

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? **$6.30**

4. Jean Junction is selling jeans at 15% off the regular price. The regular price is $25.00 per pair.   What is the discount. **$3.75**

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? **Jean Junction is a better buy. You would save $11.25 on three pairs. At Jeans Plus you would save only $10.00 on three pairs.**

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? **$6.40**

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. **53**

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? **$19.50**

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? **$2,185.00**

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