$\qquad$

## 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: $.30 \times 50=15 \quad 15$ 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? $\qquad$ Subtract the discount you found from the regular price to find the sale price. $\qquad$
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? $\qquad$
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? $\qquad$
4. Jean Junction is selling jeans at $15 \%$ off the regular price. The regular price is $\$ 25.00$ per pair. What is the discount? $\qquad$
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? $\qquad$
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? $\qquad$
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. $\qquad$
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 $\$ 200.00$ ? $\qquad$
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? $\qquad$
