

**EXTRA PRACTICE 11**  
**Applications with Percents**  
**Use after Section 2.5**

Name \_\_\_\_\_

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Solve.

1. A person's taxable income is \$18,500 per year. Federal income tax is 15% of that income. How much would that person pay for federal income tax? \_\_\_\_\_
2. A baseball player has a batting average of 0.296, or 29.6%. The player has been at bat 135 times. How many hits did he have? \_\_\_\_\_
3. A package of hamburger meat is 70% lean meat. What percent is fat? \_\_\_\_\_
4. A purchase of \$44.00 has a sales tax of \$2.31. What is the sales tax rate? \_\_\_\_\_
5. Calcium carbonate is 40% calcium. A person takes 500 mg of calcium carbonate as a diet supplement. How much actual calcium does the person receive? \_\_\_\_\_
6. A pair of jeans that regularly costs \$26 is on sale at 40% off. What is the sale price?  
\_\_\_\_\_
7. It is estimated that 12.5% of workers in the United States use a computer in their job. If 15 million workers use a computer, how many workers are there in total? \_\_\_\_\_
8. The current recommended daily allowance (U.S. RDA) of vitamin C is 60 mg. A person takes 360 mg of vitamin C. What percent of the RDA is the person getting? \_\_\_\_\_
9. Money is invested in a savings account at 7% simple interest. After one year, there is \$1284 in the account. How much was originally invested (the principal)? \_\_\_\_\_