



Prealgebra Practice Test

Unit 7: Percent

Name _____

Date _____

1. Write 9% as a fraction with denominator 100.
2. Write 32% as a decimal.
3. Change $\frac{3}{8}$ to a percent.
4. What number is 52% of 80?
5. 16 is 40% of what number?
6. The nutrition facts on a can of noodles indicate that of 65 grams of total fat, 20 grams come from saturated fat. What percent of the total fat is saturated? Round to the nearest percent.
7. If the sales tax rate in a certain city is 8%, what is the sales tax on \$248.68 worth of textbooks? What is the total cost of the textbooks?
8. Real estate brokers typically charge a 6% sales commission on the selling price of a home. This is split equally between the broker and the agent. How much does the agent receive for selling a house for \$248,000?
9. Suppose \$1,000 is borrowed for one year at 8% simple interest. How much is due at the end of the year to pay off the loan? If the loan is paid off in 6 months, how much is due?
10. A salesperson's salary is increased by 4%. If the new salary is \$35,984, what was the salary before the raise?