

Name: _____ Date: _____

Review - Unit 9: Percents

Solve the following problems using the percent proportion. Make sure to label if the answer is a percent. Round to the nearest tenth.

1. 5% of 100 is what number?	2. 32 is what percent of 5?
3. 13% of what number is 6.5?	4. 10.5% of 80 is what number?
5. 0.495 is what percent of 2.2?	6. What percent of 250 is 100?

Solve each of the following problems involving percents. Write down what you are putting in the calculator.

7. Mark calculated that he makes 65% of his field goal attempts in the football games. Which number best represents the number of field goals Mark will make if he attempts 50? A. 77 field goals B. 70 field goals C. 33 field goals D. 30 field goals	8. Martina receives a weekly allowance. She is saving 20% of it each week to buy a new iPod. If Martina saved \$4 from her last allowance, how much does she earn each week? A. \$20 B. \$80 C. \$8 D. \$24
9. Lou is buying a used car for \$3000. He is paying 30% of the price and his parents are paying the rest. How much did his parents pay? A. \$900 B. \$300 C. \$1300 D. \$2100	10. In a bowl of jelly beans, 15 out of 35 are red. What percent of the jelly beans are red? A. 0.429% B. 4.29% C. 42.9% D. 429%

<p>11. The sporting goods store has a sale in which all basketball jerseys are 30% off the retail price. What is the sale price of a jersey that has a retail price of \$50?</p> <p>A. \$35.00 B. \$15.00 C. \$65.00 D. \$30.00</p>	<p>12. Max's Game Land is having a 20%-off sale on all items. If you want to buy a game that has a retail price of \$30, what would be the total price including a 7% sales tax?</p> <p>A. \$24.00 B. \$25.68 C. \$32.10 D. \$30.00</p>
<p>13. There is a big sale on TVs. The regular price is \$400. The discount amount is \$120. What percent discount is this?</p> <p>A. 24% B. 30% C. 70% D. 76%</p>	<p>14. There is a 6.3% sales tax on an item that costs \$249.99. How much is the item including tax?</p> <p>A. \$15.75 B. \$234.24 C. \$265.74 D. \$181.99</p>
<p>15. Tamika weighed 215 pounds last year. After eating healthy and exercising, she now weighs 155 pounds. What is the approximate percent of decrease in Tamika's weight?</p> <p>A. 39% B. 72% C. 139% D. 28%</p>	<p>16. A house has a value of \$150,000. After remodeling the kitchen and bathrooms, it now has a value of \$165,000. What is the percent of increase in the value of the house?</p> <p>A. 9% B. 10% C. 11% D. 12%</p>
<p>17. The Target stores buy picture frames from a wholesale company for \$5 and then sell them at a 185% markup in price. What is the retail price of the frames at Target?</p> <p>A. \$2.70 B. \$9.25 C. \$190 D. \$14.25</p>	<p>18. Isabel put \$600 in a savings account. She earned 6% simple interest and left the money in for three years. How much interest was earned on the money in the account?</p> <p>A. \$108 B. \$708 C. \$10,800 D. \$6</p>
<p>19. Michael put \$3000 into a money-market account and left it there for 6 months. He then closed the account and received a check for \$3200. What was the approximate yearly simple interest rate on the account?</p> <p>A. 19% B. 13% C. 0.19% D. 0.13%</p>	<p>20. Ken deposited \$100 into an account that pays him 5% simple interest. What is the balance of his account after 8 years?</p> <p>A. \$40 B. \$60 C. \$90 D. \$140</p>