

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.*

<p>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?</p> <p>A. 77 field goals B. 70 field goals C. 33 field goals D. 30 field goals</p>	<p>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?</p> <p>A. \$20 B. \$80 C. \$8 D. \$24</p>
<p>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?</p> <p>A. \$900 B. \$300 C. \$1300 D. \$2100</p>	<p>10. In a bowl of jelly beans, 15 out of 35 are red. What percent of the jelly beans are red?</p> <p>A. 0.429% B. 4.29% C. 42.9% D. 429%</p>

## CCM6

<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 <b>retail price</b> of the frames at Target?</p> <p>A. \$2.70 B. \$9.25 C. \$190 D. \$14.25</p>	<p>18. 3 out of 8 students bring their lunch to school. What percent of students do not bring their lunch to school?</p> <p>A. 37.5% B. 62.5% C. 60% D. 35%</p>
<p>19. Taylor has 25 stuffed animals. She took 20% of her stuffed animals with her to a slumber party. How many stuffed animals did she leave at home?</p> <p>A. 10 stuffed animals B. 5 stuffed animals C. 15 stuffed animals D. 20 stuffed animals</p>	<p>20. Doug sold 125 sandwiches to raise money for his boy scout troop. 80% of those sandwiches were sold in his neighborhood. How many did he sell in his neighborhood?</p> <p>A. 100 sandwiches B. 20 sandwiches C. 25 sandwiches D. 80 sandwiches</p>

21. How many ounces in a pound? \_\_\_\_\_ oz

22. How many feet in a mile? \_\_\_\_\_ ft

23. How many yards in a mile? \_\_\_\_\_ yds

24. How many fluid oz in a cup? \_\_\_\_\_ fl. oz

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