


SOLVING PERCENT PROBLEMS (math 7 Plus-Unit 5) Name _____

 Use proportions to solve each of the percent problems below. Make sure that you show your steps and steps for each problem and state your final answer in a sentence.

1. Cameron wants to buy a shirt that regularly sells for \$29.95 but is on sale for 15% off. How much will he save?
2. Rachel got 23 out of 28 questions right on her math test. What percent did she get right?
3. If Mike's taxes went up \$25 this year and that was a 6% increase, how much did he pay in taxes last year?
4. Hunter wants to buy a new tennis racquet. The sports store is having a sale on tennis racquets. The racquet she likes costs \$49.95. The store is offering a 10% off of the original price. How much will she save on the cost of the racquet?

 5. **Marcy's Music** sells compact discs for \$13.99. **Best Deal** sells compact discs for \$15.99. **Best Deal's** store is having a 20% off sale. Which store is selling discs at the cheaper price?

6. Bloomingdale's department store is having their annual sales bonanza. If a customer spends between \$100 and \$199, he or she gets 10% off the total bill. If a customer spends between \$200 and \$299, he or she gets 20% off the total bill. How much money will Thad save if he spends \$250?
7. Over the holidays you work at the Super Appliance Store. You earned a commission of \$850 on your sales of \$10,625. The boss said you would get 10% commission on what you sold. Did you get the money that was promised to you?
8. The girl you have had a crush on forever finally agrees to go on a date with you. You went to dinner and the meal cost \$45.00. You want to impress your date so you plan to leave a 20% tip. How much should the meal cost you total (tip included).

Homework for ML #3-Percents (Unit 5-Math 7 Plus)

Name: _____

- Solve each problem below. Show work to support your answer.

1. Find 25% of 800.

2. If 300 is 80% of a number, what is the original number?

3. Abram was in a contest shooting baskets. He made 20% of his shots. He took a total of 240 shots in the competition. How many baskets did he make?

4. Marta spent \$630 on a new sound system which was 75% of the money she saved for summer. How much money did she have saved for the summer before this purchase?

5. After a 25% decrease the price was \$150. What was the original price?

6. Shoes will be marked up 20% next week. If they cost \$90 now what will the new price be?

7. Chad saved \$54 at a sale on shoes at Journey's. The price was after a 40% discount. What was the regular price? (be careful they are giving the part saved)

8. Mario owns a restaurant in which he sells painted pie plates. He buys the plates for \$12 and marks them up 25%. What is the sell price of his plates?

9. Jill buys a sweater for \$45.85, that is on sale for 25% off. If tax is 6%, what is the total price for the sweater on sale with tax?

10. After you make a 20% down payment on a \$6500 used car, how much do you still owe?