

Name _____

Date Due _____

Percent Project

This project will count as a test grade. Complete each question **with work** except for questions 1-10. Answers **without work will not receive credit**. See me 12th period if you have any questions or would like for me to check it over **before** it is due. Projects will be due at the beginning of class on the due date. Projects turned in after this time will lose 10 points for everyday that the project is late.

Write the percent as a fraction, in simplest form. **(1 point each) No Work required on questions 1-5**

1. 4% _____
2. 25% _____
3. 67% _____
4. 50% _____
5. 10% _____

Write the percent as a decimal. **(1 point each) No Work required on questions 6-10**

6. 15% _____
7. 60% _____
8. 5% _____
9. 100% _____
10. 6.3% _____

11. 36 is 45% of what number? **(5 points each)**

12. 76% of 400 is what number? **(5 points each)**

13. What percent of 56 is 28? **(5 points each)**
14. 50 is what percent of 125? **(5 points each)**
15. Find 18% of \$35.00. **(5 points)**
16. 51 is 75 % of what number? **(5 points)**
17. You just got your first paycheck from your part time job! Your paycheck was \$265 before taxes were taken out! The IRS takes 30% for taxes. What was your net pay (after taxes)? **(5 points)**
18. A salesperson makes 15% commission on his sales. If he sells \$1000 worth of merchandise, how much commission does he make? **(5 points)**

19. You and your best friend go out to lunch. You split a pizza (\$12.90) and you each order a soda (\$1.25 each). **(5 points)**

a. Find the total bill.

b. If you leave the standard 15% tip for the waitress, how much should you leave?

20. If 15% of the students in Mrs. Maines' 3rd period class earned an A. There were 3 A's, how many students are in Mrs. Maines' 3rd period class? **(5 Points)**

21. A math class had 25 students. If 2 more students enrolled in the class, what is the percent of change? **(5 points)**

22. A coat regularly selling for \$175 was on sale for \$140. What is the percent of the reduction? **(5 Points)**

23. A Savings account starts with \$980. If the simple interest rate is 5%, find the total amount in the account after 9 months. **(10 points)**

The amount of interest is \$_____

The total amount in the account after 9 months is \$_____

24. The Perkins family bought a house and made a 25% down payment of \$19,625. Find the price of the house. **(5 Points)**

25. If 55% of the students in a school are boys and there are 858 boys, find the total number of students. **(5 Points)**

26. You have promised your parents that you would put 10% of your net pay in your saving account. If your net pay is \$164.00, how much money will you have to spend? **(5 points)**

27. In 1992, there were 87 cable television networks. In 1996, there were 162 cable television networks. Find the percent of change in the number of cable networks. Round to the nearest tenth of a percent. **(5 points)**

Is this a percent of increase or a percent of decrease?

28. Suppose \$1,250 is placed in a savings account for 2 years. Find the simple interest if the interest rate is 4.5%. **(5 points)**