Percent Applications Worksheet 3   Name _____

Solve each problem below using your knowledge of percent applications. Round your answer to the nearest cent or to the nearest percent where appropriate.

1. If you purchase an iPod that costs $339, how much sales tax will you pay if the rate is 8.375%?

    _____

2. A shirt that regularly sells for $38.50 is on sale for 25% off. By how much money is the shirt being discounted?

    _____

3. If 13 out of 27 students in a computer class are seniors, then what percent of the class is composed of seniors?

    _____

4. A meteorologist was accurate 90% of the time, reporting accurately on 45 days. How many days of weather did he report?

    _____

5. Jimmy owes $29,500 for a car loan to be repaid in 36 months. If the interest rate is 7.375%, then how much interest will he pay?

    _____

6. At Kennedy High School, 119 students walk to school. If this number is 35% of school enrollment, then how many students are enrolled at the school?

    _____

7. Jerry deposited $550.00 into a saving account at his bank. If the interest rate is 2.75%, then how much will he have after 24 months?

    _____

8. Last year a school had 249 honor students as compared with only 243 this year. What is the percent decrease in honor students?

    _____

9. At the Hip-Hop Shop each salesperson receives an 8.5% commission on sales. What would a salesperson earn if she sold $250 in goods?

    _____

10. At a supermarket the hourly pay increased from $14.00 to $15.50. What is the percent increase in pay?

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