

## Pre-Algebra Worksheet # 2

### Completion

Complete each statement.

1. A ratio that compares a number to 100 is called a(n) \_\_\_\_\_
2. The ratio  $\frac{\text{Amount of change}}{\text{Original amount}}$  is called the \_\_\_\_\_
3. Percent is used to calculate \_\_\_\_\_, a fee paid to a person who makes a sale.

### Problem

Find the Percent Increase or Decrease.

4. The price of a meal went from \$16.00 to \$18.00. Find the percentage of increase.
5. A radio which usually costs \$50.00 is on sale for \$40.00. Find the percentage of the discount.
6. The price of a CD went from \$12.00 to \$15.00. Find the percentage of increase.
7. The price of a ball went from \$15.00 to \$20.00. Find the percentage of increase.
8. A computer which usually costs \$1,500.00 is on sale for \$1,250.00. Find the percentage of the discount.

Find the commission or sales tax.

9. A salesman earns a 7% commission of his total sales.  
How much did he earn for selling a \$300.00 CD–player?
10. A salesman earns a 7% commission of his total sales.  
How much did he earn for selling a \$500.00 TV set?
11. A salesman earns a 7% commission of his total sales.  
How much did he earn for selling a \$50.00 calculator?
12. A record costs \$6.00. The sales tax rate is 8%. How much is the tax?
13. A record costs \$5.00. The sales tax rate is 8%. How much is the tax?

Find the percent or the part.

14. Four friends volunteered to cut the grass around their neighbor's house. Jay cut 23% of the grass, Aimee cut  $\frac{1}{5}$  of the grass, Ken cut 0.31 of the grass, and Bryan cut the rest. What percent of the grass did Bryan cut?