

Finding a Percent Study Guide

Name: _____ Hour: _____ Date: _____

Find each percent increase/decrease. Round to the nearest percent.

1. From \$5 to \$8
60%
2. From 20 students to 30 students
50%
3. From 90 points to 45 points
50%
4. From 145 pounds to 132 pounds
9%

Find the sale price of each item. Round to two decimal places when necessary.

5. Original price: \$45.00; Discount: 22%
\$35.10
6. Original price: \$279.99, Discount: 75%
\$70

Applications of Percent.

7. 15% of \$70
\$10.50
8. Luisa's restaurant bill comes to \$75.50, and she leaves a 15% tip. What is Luisa's total restaurant bill?
\$86.83
9. Joe borrowed \$2,000 from the bank at a rate of 7% simple interest per year. How much interest did he pay in 5 years?
\$700
10. You have \$550 in a savings account that earns 3% simple interest each year. How much will be in your account in 10 years?
\$715
11. Martin finds a shirt on sale for 10% off at a department store. The original price was \$20. Martin must also pay 8.5% sales tax.
 - a. How much is the shirt before taxes are applied?
\$18
 - b. How much is the shirt after taxes are applied?
\$19.53