

NAME: \_\_\_\_\_

*Percents*  
*Quiz 2*  
*“Computing with Percents”*

- 1.) What is 5.5% of \$160? (Round to the nearest penny)
  
- 2.) 10 out of 12 is what percent? (Round to nearest tenth of a percent)
  
- 3.) 20 is 15% of what number? (Round your answer to the nearest tenth)
  
- 4.) How much tax would you owe on a \$40 purchase if the sales tax rate is 6.5%?  
\$\_\_\_\_\_ (nearest penny)
  
- 5.) A car dealer got a shipment of 13 new minivans. By the end of the month, 8 were sold. What percent of the shipment was sold by the end of the month?  
\_\_\_\_\_ (nearest tenth of a percent)
  
- 6.) 45 employees, which is 30% of the total workforce, have been with Rainbow Corporation for more than 5 years. What is the size of the company's workforce?  
\_\_\_\_\_ (whole number answer)
  
- 7.) Of his \$28,000 per year salary, Rex spends \$7,100 on house payments. What percent of his annual salary goes toward house payments?  
\_\_\_\_\_ (nearest tenth of a percent)
  
- 8.) Last month, Honest Tim's Used Cars sold 19 vehicles. This month the dealer sold 24. What is the percent increase in vehicle sales?  
\_\_\_\_\_ (nearest tenth of a percent)

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9.) A computer printer has a retail price of \$295. It is on sale for 10% off. Since it is a discontinued model, you can also get an additional 15% off. What will be the price of the printer after the two discounts are applied?

\$\_\_\_\_\_ (nearest penny)

10.) A watch costs a jewelry store \$65. The store sells it for \$120. What is the percent markup?

\_\_\_\_\_ (nearest tenth of a percent)

11.) The Dimwatt Light Bulb Company recently has been able to lower its cost to manufacture bulbs from \$0.18 to \$0.14 each. What is the percent decrease in the bulb cost?

\_\_\_\_\_ (nearest tenth of a percent)

12.) As a salesperson, Roscoe gets paid a fixed amount of \$250 per week. He also earns 2.5% of his total weekly sales. How much will he earn this week if he sells \$12,000 worth of merchandise?

\$\_\_\_\_\_ (nearest penny)

13.) If a store applies a markup of 40% on an item that costs \$85, what will be the item's selling price?

\$\_\_\_\_\_ (nearest penny)

14.) Before installing new CNC machine, a company could manufacture 350 sets of engine pistons per day. Now they produce 220 more sets per day. What is the percent increase in production capability?

\_\_\_\_\_ (nearest tenth of a percent)