Nepedia · Grade-7

Unit 4: Proportional Relationships and Percentages

PRACTICE

Name: ______________________________ Date: ______________

Solve each problem. Show your work if needed, but write only the final answer (round money to the nearest cent).

1. What is 35% of 80?

Answer: ____________

2. A shirt costs $40. The sales tax is 8%. What is the total cost including tax?

Answer: ____________

3. A dinner bill is $60. You leave a 20% tip. How much is the tip in dollars?

Answer: ____________

4. A $50 pair of shoes is marked down by 30%. What is the sale price?

Answer: ____________

5. A price of $200 is increased by 15%. What is the new price?

Answer: ____________

6. You deposit $500 in an account that earns 4% simple interest per year. How much interest do you earn in one year?

Answer: ____________

7. A jacket originally priced at $80 is now on sale for $60. What percent was it discounted?

Answer: ____________

8. A restaurant bill is $45. With a 6% tax and a 15% tip (both figured on the $45), what is the total amount paid?

Answer: ____________

9. A population of 250 birds increases by 12%. How many birds are there now?

Answer: ____________

10. You invest $1,200 at 5% simple interest per year. How much total interest do you earn after 3 years?

Answer: ____________

11. A laptop costs $600. The store adds 7% tax. What is the final price?

Answer: ____________

12. A backpack is discounted 40% to a sale price of $27. What was the original price?

Answer: ____________