Unit 6: Percent Increase and Decrease

PRACTICE

Name: ______________________________ Date: ______________

Show your work and give each answer as a number (include the unit or % only where asked). Round to the nearest cent or hundredth when needed.

1. Find 15% of 80.

Answer: ____________

2. A shirt costs $40. Its price increases by 25%. What is the new price in dollars?

Answer: ____________

3. A $60 jacket is marked down by 30%. What is the sale price in dollars?

Answer: ____________

4. A population of 200 birds increases by 12%. How many birds are there after the increase?

Answer: ____________

5. A phone that cost $500 dropped in value by 20%. What is its new value in dollars?

Answer: ____________

6. A number increases from 50 to 65. What is the percent increase?

Answer: ____________

7. A number decreases from 80 to 60. What is the percent decrease?

Answer: ____________

8. A restaurant bill is $45. You add an 18% tip. What is the total amount paid in dollars?

Answer: ____________

9. A $120 item is on sale for 15% off. After the discount, a 10% sales tax is added to the sale price. What is the final price in dollars?

Answer: ____________

10. A savings account has $250 and grows by 8%. Then the new balance decreases by 5%. What is the final balance in dollars?

Answer: ____________

11. After a 20% increase, a price is $72. What was the original price in dollars?

Answer: ____________

12. After a 10% decrease, a price is $90. What was the original price in dollars?

Answer: ____________