

**Solve each problem.****Answers**

- 1) Normally a chef uses 15 ounces of chocolate to make chocolate chip cookies. But he started using 16.5 ounces instead. He should advertise the cookies as having _____ percent more chocolate.
- 2) Maria used to live 15 kilometers away from the school, but after she moved she now lives 8.4 kilometers away. She is _____ percent closer to the school.
- 3) Last month Cody spent 76.00 dollars on games. This month he only spent \$59.28. He spent _____ percent less this month.
- 4) It used to take Vanessa 8 minutes to do 20 multiplication problems. Now she can do the same page in 11.2 minutes. She is now _____ percent faster.
- 5) A store sold 14.00 dollars worth of gift cards in October. The next month the goal was to sell \$18.48 worth of gift cards. This is an increase of _____ percent.
- 6) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 8.68 hours. What was the percent the battery life decreased?
- 7) Henry used to have \$417.00 in the bank but after a year the amount increased to \$550.44. This was an increase of _____%.
- 8) At a restaurant the bill came to \$68.00. If you leave \$95.20, what percent tip is that?
- 9) A large soda is 298 calories and a small soda is 226.48 calories. The small soda has _____ percent fewer calories.
- 10) A store normally averaged 117 customers a day. But on the weekends they averaged 63.18 customers a day. What is the percent decrease in the number of customers?

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Answers

1. **10**
2. **44**
3. **22**
4. **40**
5. **32**
6. **38**
7. **32**
8. **40**
9. **24**
10. **46**



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