



Solve each problem. Round your answer to the nearest hundredth.

**Answers**

- 1) A store was selling lawn mowers for \$69. The repair agreement is 18% of the price of the mower. How much would it cost for a mower and repair agreement?
  
- 2) A small bag of flour weighed 11 ounces. A large bag was 18% heavier. How much does the large bag weigh?
  
- 3) An old cell phone battery would last for 20 hours. The new battery lasts 27% longer. How long will the new battery last?
  
- 4) A large candy bar was 108 calories. The smaller candy bar has 31 percent less calories. How many calories does the smaller candy bar have?
  
- 5) The early version of a cell phone was 146 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
  
- 6) The bill at an electronics store was \$82 before tax. Tax is 4%. What is the total price with tax?
  
- 7) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16%. How much does the meal cost now?
  
- 8) Victor created a video that was originally 81 minutes long, but he ended up cutting it by 14 percent. How long was his video after he cut it?
  
- 9) Vanessa ordered a shirt online that cost her \$39 total. The package arrived late so the seller took 11 percent off the price. How much did she end up paying?
  
- 10) A video game was \$32. This weekend the game will be marked 10 percent off. How much is the game this weekend?

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**Answers**

1. **81.42**
2. **12.98**
3. **25.40**
4. **74.52**
5. **118.26**
6. **85.28**
7. **9.28**
8. **69.66**
9. **34.71**
10. **28.80**



## Adding & Subtracting Percents of Quantity

Name: \_\_\_\_\_

Solve each problem. Round your answer to the nearest hundredth.

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