Adding & Subtracting Percents of Quantity

Name:

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

Answers

1) A plant was 11 centimeters tall. After a month it had grown 14 percent taller. How tall was the plant after a month?

2) The early version of a cell phone was 129 millimeters thick. The current version is about 17 percent thinner. How thick is the newer version?

3) A small bag of flour weighed 17 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?

4) A large candy bar was 91 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have?

5) The bill at an electronics store was $70 before tax. Tax is 7 percent. What is the total price with tax?

6) Janet's hair was 40 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut?

7) John created a video that was originally 67 minutes long, but he ended up cutting it by 9 percent. How long was his video after he cut it?

8) A furniture store had a chair that cost $49. After a few months the owner took 11 percent off the price. How much is the chair now?

9) An old cell phone battery would last for 18 hours. The new battery lasts 6 percent longer. How long will the new battery last?

10) A store was selling lawn mowers for $85. The repair agreement is 21 percent of the price of the mower. How much would it cost for a mower and repair agreement?

1. _____

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9. _____

10. _____

Math

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1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

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

1) A plant was 11 centimeters tall. After a month it had grown 14 percent taller. How tall was the plant after a month?

1. ___**12.54**___

2. ___**107.07**___

2) The early version of a cell phone was 129 millimeters thick. The current version is about 17 percent thinner. How thick is the newer version?

3. ___**19.55**___

4. ___**59.15**___

3) A small bag of flour weighed 17 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?

5. ___**74.90**___

6. ___**36.40**___

4) A large candy bar was 91 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have?

7. ___**60.97**___

8. ___**43.61**___

5) The bill at an electronics store was $70 before tax. Tax is 7 percent. What is the total price with tax?

9. ___**19.08**___

10. ___**102.85**___

6) Janet's hair was 40 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut?

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