Adding & Subtracting Percents of Quantity

Name: _____

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

1) The early version of a cell phone was 116 millimeters thick. The current version is about 14 percent thinner. How thick is the newer version?

1. _____

2. _____

2) Janet's hair was 49 centimeters long. Over summer though she cut off 10 percent. How long was her hair after the haircut?

3. _____

4. _____

3) The bill at an electronics store was $51 before tax. Tax is 5%. What is the total price with tax?

5. _____

6. _____

4) At a restaurant a meal used to cost $12, but a new owner decided to raise the price by 14%. How much does the meal cost now?

7. _____

8. _____

5) Tom created a video that was originally 89 minutes long, but he ended up cutting it by 18 percent. How long was his video after he cut it?

9. _____

10. _____

6) A small bag of flour weighed 29 ounces. A large bag was 20% heavier. How much does the large bag weigh?

7) A large candy bar was 116 calories. The smaller candy bar has 17 percent less calories. How many calories does the smaller candy bar have?

8) An older TV screen was 44 centimeters wide. The newer model increased the screen size by 19%. How wide is the new TV screen?

9) A restaurant bill was $50 after tax. If you wanted to leave a 19% tip, how much should you leave total?

10) A video game was $46. This weekend the game will be marked 11 percent off. How much is the game this weekend?

Math   www.CommonCoreSheets.com

Name: **Answer Key**

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

Answers

1) The early version of a cell phone was 116 millimeters thick. The current version is about 14 percent thinner. How thick is the newer version?

2) Janet's hair was 49 centimeters long. Over summer though she cut off 10 percent. How long was her hair after the haircut?

3) The bill at an electronics store was $51 before tax. Tax is 5%. What is the total price with tax?

4) At a restaurant a meal used to cost $12, but a new owner decided to raise the price by 14%. How much does the meal cost now?

5) Tom created a video that was originally 89 minutes long, but he ended up cutting it by 18 percent. How long was his video after he cut it?

6) A small bag of flour weighed 29 ounces. A large bag was 20% heavier. How much does the large bag weigh?

7) A large candy bar was 116 calories. The smaller candy bar has 17 percent less calories. How many calories does the smaller candy bar have?

8) An older TV screen was 44 centimeters wide. The newer model increased the screen size by 19%. How wide is the new TV screen?

9) A restaurant bill was $50 after tax. If you wanted to leave a 19% tip, how much should you leave total?

10) A video game was $46. This weekend the game will be marked 11 percent off. How much is the game this weekend?

1.	**99.76**
2.	**44.10**
3.	**53.55**
4.	**13.68**
5.	**72.98**
6.	**34.80**
7.	**96.28**
8.	**52.36**
9.	**59.50**
10.	**40.94**

Adding & Subtracting Percents of Quantity

Name:

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

| 53.55 | 40.94 | 72.98 | 59.50 | 13.68 |
| 99.76 | 44.10 | 52.36 | 34.80 | 96.28 |

1) The early version of a cell phone was 116 millimeters thick. The current version is about 14 percent thinner. How thick is the newer version?

2) Janet's hair was 49 centimeters long. Over summer though she cut off 10 percent. How long was her hair after the haircut?

3) The bill at an electronics store was $51 before tax. Tax is 5%. What is the total price with tax?

4) At a restaurant a meal used to cost $12, but a new owner decided to raise the price by 14%. How much does the meal cost now?

5) Tom created a video that was originally 89 minutes long, but he ended up cutting it by 18 percent. How long was his video after he cut it?

6) A small bag of flour weighed 29 ounces. A large bag was 20% heavier. How much does the large bag weigh?

7) A large candy bar was 116 calories. The smaller candy bar has 17 percent less calories. How many calories does the smaller candy bar have?

8) An older TV screen was 44 centimeters wide. The newer model increased the screen size by 19%. How wide is the new TV screen?

9) A restaurant bill was $50 after tax. If you wanted to leave a 19% tip, how much should you leave total?

10) A video game was $46. This weekend the game will be marked 11 percent off. How much is the game this weekend?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____