Adding & Subtracting Percents of Quantity

Name: _____

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

1) Oliver created a video that was originally 45 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?

2) A large candy bar was 115 calories. The smaller candy bar has 26 percent less calories. How many calories does the smaller candy bar have?

3) An old cell phone battery would last for 20 hours. The new battery lasts 10 percent longer. How long will the new battery last?

4) A restaurant bill was $34 after tax. If you wanted to leave a 10 percent tip, how much should you leave total?

5) Tiffany's hair was 48 centimeters long. Over summer though she cut off 19 percent. How long was her hair after the haircut?

6) An older TV screen was 39 centimeters wide. The newer model increased the screen size by 15 percent. How wide is the new TV screen?

7) A small bag of flour weighed 23 ounces. A large bag was 16 percent heavier. How much does the large bag weigh?

8) A furniture store had a chair that cost $49. After a few months the owner took 20 percent off the price. How much is the chair now?

9) The bill at an electronics store was $99 before tax. Tax is 4 percent. What is the total price with tax?

10) A video game was $42. 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. _____

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

1) Oliver created a video that was originally 45 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?

1. **36.45**

2. **85.10**

2) A large candy bar was 115 calories. The smaller candy bar has 26 percent less calories. How many calories does the smaller candy bar have?

3. **22.00**

4. **37.40**

3) An old cell phone battery would last for 20 hours. The new battery lasts 10 percent longer. How long will the new battery last?

5. **38.88**

6. **44.85**

4) A restaurant bill was $34 after tax. If you wanted to leave a 10 percent tip, how much should you leave total?

7. **26.68**

8. **39.20**

5) Tiffany's hair was 48 centimeters long. Over summer though she cut off 19 percent. How long was her hair after the haircut?

9. **102.96**

10. **37.38**

6) An older TV screen was 39 centimeters wide. The newer model increased the screen size by 15 percent. How wide is the new TV screen?

7) A small bag of flour weighed 23 ounces. A large bag was 16 percent heavier. How much does the large bag weigh?

8) A furniture store had a chair that cost $49. After a few months the owner took 20 percent off the price. How much is the chair now?

9) The bill at an electronics store was $99 before tax. Tax is 4 percent. What is the total price with tax?

10) A video game was $42. This weekend the game will be marked 11 percent off. How much is the game this weekend?

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

38.88	37.40	36.45	39.20	85.10
37.38	22.00	44.85	102.96	26.68

1. _____

1) Oliver created a video that was originally 45 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?

2. _____

3. _____

2) A large candy bar was 115 calories. The smaller candy bar has 26 percent less calories. How many calories does the smaller candy bar have?

4. _____

5. _____

3) An old cell phone battery would last for 20 hours. The new battery lasts 10 percent longer. How long will the new battery last?

6. _____

7. _____

4) A restaurant bill was $34 after tax. If you wanted to leave a 10 percent tip, how much should you leave total?

8. _____

9. _____

5) Tiffany's hair was 48 centimeters long. Over summer though she cut off 19 percent. How long was her hair after the haircut?

10. _____

6) An older TV screen was 39 centimeters wide. The newer model increased the screen size by 15 percent. How wide is the new TV screen?

7) A small bag of flour weighed 23 ounces. A large bag was 16 percent heavier. How much does the large bag weigh?

8) A furniture store had a chair that cost $49. After a few months the owner took 20 percent off the price. How much is the chair now?

9) The bill at an electronics store was $99 before tax. Tax is 4 percent. What is the total price with tax?

10) A video game was $42. This weekend the game will be marked 11 percent off. How much is the game this weekend?