Adding & Subtracting Percents of Quantity   Name: _____

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

1) A furniture store had a chair that cost $35. After a few months the owner took 12 percent off the price. How much is the chair now?

1. _____

2. _____

2) Sarah's hair was 32 centimeters long. Over summer though she cut off 15 percent. How long was her hair after the haircut?

3. _____

4. _____

3) An old cell phone battery would last for 14 hours. The new battery lasts 28 percent longer. How long will the new battery last?

5. _____

6. _____

4) Faye ordered a shirt online that cost her $26 total. The package arrived late so the seller took 23 percent off the price. How much did she end up paying?

7. _____

8. _____

5) An older TV screen was 34 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?

9. _____

10. _____

6) A restaurant bill was $34 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?

7) A large candy bar was 107 calories. The smaller candy bar has 32 percent less calories. How many calories does the smaller candy bar have?

8) The early version of a cell phone was 106 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?

9) A video game was $34. This weekend the game will be marked 11 percent off. How much is the game this weekend?

10) A plant was 37 centimeters tall. After a month it had grown 8 percent taller. How tall was the plant after a month?

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

1) A furniture store had a chair that cost $35. After a few months the owner took 12 percent off the price. How much is the chair now?

1. **30.80**

2. **27.20**

2) Sarah's hair was 32 centimeters long. Over summer though she cut off 15 percent. How long was her hair after the haircut?

3. **17.92**

4. **20.02**

3) An old cell phone battery would last for 14 hours. The new battery lasts 28 percent longer. How long will the new battery last?

5. **38.42**

6. **39.10**

4) Faye ordered a shirt online that cost her $26 total. The package arrived late so the seller took 23 percent off the price. How much did she end up paying?

7. **72.76**

8. **93.28**

5) An older TV screen was 34 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?

9. **30.26**

10. **39.96**

6) A restaurant bill was $34 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?

7) A large candy bar was 107 calories. The smaller candy bar has 32 percent less calories. How many calories does the smaller candy bar have?

8) The early version of a cell phone was 106 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?

9) A video game was $34. This weekend the game will be marked 11 percent off. How much is the game this weekend?

10) A plant was 37 centimeters tall. After a month it had grown 8 percent taller. How tall was the plant after a month?

Adding & Subtracting Percents of Quantity

Name:

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

30.26	38.42	20.02	17.92	30.80
27.20	72.76	93.28	39.96	39.10

1) A furniture store had a chair that cost $35. After a few months the owner took 12 percent off the price. How much is the chair now?

2) Sarah's hair was 32 centimeters long. Over summer though she cut off 15 percent. How long was her hair after the haircut?

3) An old cell phone battery would last for 14 hours. The new battery lasts 28 percent longer. How long will the new battery last?

4) Faye ordered a shirt online that cost her $26 total. The package arrived late so the seller took 23 percent off the price. How much did she end up paying?

5) An older TV screen was 34 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?

6) A restaurant bill was $34 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?

7) A large candy bar was 107 calories. The smaller candy bar has 32 percent less calories. How many calories does the smaller candy bar have?

8) The early version of a cell phone was 106 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?

9) A video game was $34. This weekend the game will be marked 11 percent off. How much is the game this weekend?

10) A plant was 37 centimeters tall. After a month it had grown 8 percent taller. How tall was the plant after a month?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____