Adding & Subtracting Percents of Quantity

Name: _____

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

1) A small bag of flour weighed 12 ounces. A large bag was 18 percent heavier. How much does the large bag weigh?

2) A plant was 36 centimeters tall. After a month it had grown 12 percent taller. How tall was the plant after a month?

3) A loan company charged 25 percent interest on every dollar borrowed. If a person borrowed 151 dollars, how much would they end up paying total?

4) The early version of a cell phone was 109 millimeters thick. The current version is about 16 percent thinner. How thick is the newer version?

5) A large candy bar was 124 calories. The smaller candy bar has 29 percent less calories. How many calories does the smaller candy bar have?

6) The bill at an electronics store was $83 before tax. Tax is 5 percent. What is the total price with tax?

7) An old cell phone battery would last for 11 hours. The new battery lasts 15 percent longer. How long will the new battery last?

8) A video game was $37. This weekend the game will be marked 12 percent off. How much is the game this weekend?

9) Rachel's hair was 32 centimeters long. Over summer though she cut off 16 percent. How long was her hair after the haircut?

10) Billy created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Name:

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

Answers

1) A small bag of flour weighed 12 ounces. A large bag was 18 percent heavier. How much does the large bag weigh?

1. __**14.16**__

2. __**40.32**__

2) A plant was 36 centimeters tall. After a month it had grown 12 percent taller. How tall was the plant after a month?

3. __**188.75**__

4. __**91.56**__

3) A loan company charged 25 percent interest on every dollar borrowed. If a person borrowed 151 dollars, how much would they end up paying total?

5. __**88.04**__

6. __**87.15**__

4) The early version of a cell phone was 109 millimeters thick. The current version is about 16 percent thinner. How thick is the newer version?

7. __**12.65**__

8. __**32.56**__

5) A large candy bar was 124 calories. The smaller candy bar has 29 percent less calories. How many calories does the smaller candy bar have?

9. __**26.88**__

10. __**35.64**__

6) The bill at an electronics store was $83 before tax. Tax is 5 percent. What is the total price with tax?

7) An old cell phone battery would last for 11 hours. The new battery lasts 15 percent longer. How long will the new battery last?

8) A video game was $37. This weekend the game will be marked 12 percent off. How much is the game this weekend?

9) Rachel's hair was 32 centimeters long. Over summer though she cut off 16 percent. How long was her hair after the haircut?

10) Billy created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?

Math

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

91.56	12.65	87.15	14.16	35.64
88.04	40.32	32.56	26.88	188.75

1. _____

1) A small bag of flour weighed 12 ounces. A large bag was 18 percent heavier. How much does the large bag weigh?

2. _____

3. _____

2) A plant was 36 centimeters tall. After a month it had grown 12 percent taller. How tall was the plant after a month?

4. _____

5. _____

3) A loan company charged 25 percent interest on every dollar borrowed. If a person borrowed 151 dollars, how much would they end up paying total?

6. _____

7. _____

4) The early version of a cell phone was 109 millimeters thick. The current version is about 16 percent thinner. How thick is the newer version?

8. _____

9. _____

5) A large candy bar was 124 calories. The smaller candy bar has 29 percent less calories. How many calories does the smaller candy bar have?

10. _____

6) The bill at an electronics store was $83 before tax. Tax is 5 percent. What is the total price with tax?

7) An old cell phone battery would last for 11 hours. The new battery lasts 15 percent longer. How long will the new battery last?

8) A video game was $37. This weekend the game will be marked 12 percent off. How much is the game this weekend?

9) Rachel's hair was 32 centimeters long. Over summer though she cut off 16 percent. How long was her hair after the haircut?

10) Billy created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?