Adding & Subtracting Percents of Quantity

Name: _____

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

1) An old cell phone battery would last for 17 hours. The new battery lasts 28% longer. How long will the new battery last?

2) A loan company charged 46% interest on every dollar borrowed. If a person borrowed 176 dollars, how much would they end up paying total?

3) The early version of a cell phone was 135 millimeters thick. The current version is about 15% thinner. How thick is the newer version?

4) Victor created a video that was originally 44 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?

5) A large candy bar was 95 calories. The smaller candy bar has 26% less calories. How many calories does the smaller candy bar have?

6) A restaurant bill was $32 after tax. If you wanted to leave a 17 percent tip, how much should you leave total?

7) At a restaurant a meal used to cost $9, but a new owner decided to raise the price by 19 percent. How much does the meal cost now?

8) A store was selling lawn mowers for $80. The repair agreement is 17% of the price of the mower. How much would it cost for a mower and repair agreement?

9) Maria's hair was 37 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?

10) A small bag of flour weighed 27 ounces. A large bag was 12 percent heavier. How much does the large bag weigh?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Adding & Subtracting Percents of Quantity

Name: Answer Key

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

Answers

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1. **21.76**
2. **256.96**
3. **114.75**
4. **37.40**
5. **70.30**
6. **37.44**
7. **10.71**
8. **93.60**
9. **31.82**
10. **30.24**

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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.

10.71	30.24	70.30	114.75	37.40
256.96	21.76	37.44	93.60	31.82

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