



Adding & Subtracting Percents of Quantity

Name: _____

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

- 1) A small bag of flour weighed 13 ounces. A large bag was 5% heavier. How much does the large bag weigh?

- 2) A restaurant bill was \$27 after tax. If you wanted to leave a 18% tip, how much should you leave total?

- 3) An old cell phone battery would last for 17 hours. The new battery lasts 22% longer. How long will the new battery last?

- 4) A store was selling lawn mowers for \$64. The repair agreement is 23% of the price of the mower. How much would it cost for a mower and repair agreement?

- 5) A large candy bar was 111 calories. The smaller candy bar has 23 percent less calories. How many calories does the smaller candy bar have?

- 6) A video game was \$40. This weekend the game will be marked 20 percent off. How much is the game this weekend?

- 7) A furniture store had a chair that cost \$50. After a few months the owner took 16 percent off the price. How much is the chair now?

- 8) An older TV screen was 28 centimeters wide. The newer model increased the screen size by 5%. How wide is the new TV screen?

- 9) Mike created a video that was originally 53 minutes long, but he ended up cutting it by 13 percent. How long was his video after he cut it?

- 10) Isabel's hair was 46 centimeters long. Over summer though she cut off 20 percent. How long was her hair after the haircut?

Answers

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



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

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Answers

1. **13.65**

2. **31.86**

3. **20.74**

4. **78.72**

5. **85.47**

6. **32.00**

7. **42.00**

8. **29.40**

9. **46.11**

10. **36.80**

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