## 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 29% longer. How long will the new battery last?

2) Billy created a video that was originally 87 minutes long, but he ended up cutting it by 16 percent. How long was his video after he cut it?

3) Faye ordered a shirt online that cost her $23 total. The package arrived late so the seller took 11 percent off the price. How much did she end up paying?

4) At a restaurant a meal used to cost $10, but a new owner decided to raise the price by 9%. How much does the meal cost now?

5) A video game was $33. This weekend the game will be marked 15 percent off. How much is the game this weekend?

6) The bill at an electronics store was $97 before tax. Tax is 4%. What is the total price with tax?

7) An older TV screen was 36 centimeters wide. The newer model increased the screen size by 18%. How wide is the new TV screen?

8) A large candy bar was 143 calories. The smaller candy bar has 27 percent less calories. How many calories does the smaller candy bar have?

9) A small bag of flour weighed 20 ounces. A large bag was 13% heavier. How much does the large bag weigh?

10) A loan company charged 32% interest on every dollar borrowed. If a person borrowed 186 dollars, how much would they end up paying total?

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**Answers**

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1. **21.93**

2. **73.08**

3. **20.47**

4. **10.90**

5. **28.05**

6. **100.88**

7. **42.48**

8. **104.39**

9. **22.60**

10. **245.52**

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