



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

- 1) An older TV screen was 27 centimeters wide. The newer model increased the screen size by 12%. How wide is the new TV screen?

- 2) Gwen's hair was 41 centimeters long. Over summer though she cut off 19 percent. How long was her hair after the haircut?

- 3) A restaurant bill was \$26 after tax. If you wanted to leave a 10% tip, how much should you leave total?

- 4) A small bag of flour weighed 26 ounces. A large bag was 7% heavier. How much does the large bag weigh?

- 5) Kaleb created a video that was originally 55 minutes long, but he ended up cutting it by 18 percent. How long was his video after he cut it?

- 6) The early version of a cell phone was 129 millimeters thick. The current version is about 16 percent thinner. How thick is the newer version?

- 7) A loan company charged 40% interest on every dollar borrowed. If a person borrowed 196 dollars, how much would they end up paying total?

- 8) A plant was 12 centimeters tall. After a month it had grown 14% taller. How tall was the plant after a month?

- 9) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 15%. How much does the meal cost now?

- 10) A furniture store had a chair that cost \$31. After a few months the owner took 12 percent off the price. How much is the chair now?

Answers

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Answers

1. **30.24**
2. **33.21**
3. **28.60**
4. **27.82**
5. **45.10**
6. **108.36**
7. **274.40**
8. **13.68**
9. **13.80**
10. **27.28**



Adding & Subtracting Percents of Quantity

Name: _____

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