



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

**Answers**

- 1) The early version of a cell phone was 109 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 2) An older TV screen was 16 centimeters wide. The newer model increased the screen size by 16 percent. How wide is the new TV screen?
- 3) A video game was \$33. This weekend the game will be marked 12 percent off. How much is the game this weekend?
- 4) A restaurant bill was \$31 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 5) A plant was 41 centimeters tall. After a month it had grown 7 percent taller. How tall was the plant after a month?
- 6) Amy ordered a shirt online that cost her \$30 total. The package arrived late so the seller took 16 percent off the price. How much did she end up paying?
- 7) A small bag of flour weighed 12 ounces. A large bag was 8 percent heavier. How much does the large bag weigh?
- 8) John created a video that was originally 66 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?
- 9) At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?
- 10) The bill at an electronics store was \$61 before tax. Tax is 5 percent. What is the total price with tax?

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**Answers**

1. 88.29
2. 18.56
3. 29.04
4. 35.96
5. 43.87
6. 25.20
7. 12.96
8. 59.40
9. 10.17
10. 64.05



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25.20	64.05	43.87	59.40	88.29
18.56	12.96	29.04	10.17	35.96

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