

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

- 1) The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version?
- 2) A video game was \$35. This weekend the game will be marked 14 percent off. How much is the game this weekend?
- 3) A restaurant bill was \$28 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 4) Paul created a video that was originally 49 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?
- 5) A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?
- 6) An older TV screen was 47 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?
- 7) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16 percent. How much does the meal cost now?
- 8) The bill at an electronics store was \$64 before tax. Tax is 9 percent. What is the total price with tax?
- 9) A store was selling lawn mowers for \$96. The repair agreement is 21 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 10) A furniture store had a chair that cost \$35. After a few months the owner took 14 percent off the price. How much is the chair now?

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| 1) The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version? | 1. <u>90.78</u> |
| 2) A video game was \$35. This weekend the game will be marked 14 percent off. How much is the game this weekend? | 2. <u>30.10</u> |
| 3) A restaurant bill was \$28 after tax. If you wanted to leave a 16 percent tip, how much should you leave total? | 3. <u>32.48</u> |
| 4) Paul created a video that was originally 49 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it? | 4. <u>41.65</u> |
| 5) A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month? | 5. <u>15.82</u> |
| 6) An older TV screen was 47 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen? | 6. <u>49.82</u> |
| 7) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16 percent. How much does the meal cost now? | 7. <u>9.28</u> |
| 8) The bill at an electronics store was \$64 before tax. Tax is 9 percent. What is the total price with tax? | 8. <u>69.76</u> |
| 9) A store was selling lawn mowers for \$96. The repair agreement is 21 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 9. <u>116.16</u> |
| 10) A furniture store had a chair that cost \$35. After a few months the owner took 14 percent off the price. How much is the chair now? | 10. <u>30.10</u> |

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69.76	41.65	30.10	90.78	9.28
32.48	30.10	116.16	15.82	49.82

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