

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

- 1) An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?
- 2) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now?
- 3) A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now?
- 4) An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last?
- 5) A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh?
- 6) A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?
- 7) A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total?
- 8) Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?
- 9) The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 10) A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month?

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| 1) An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen? | 1. <u>55.37</u> |
| 2) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now? | 2. <u>13.68</u> |
| 3) A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now? | 3. <u>28.71</u> |
| 4) An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last? | 4. <u>15.40</u> |
| 5) A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh? | 5. <u>33.30</u> |
| 6) A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend? | 6. <u>42.50</u> |
| 7) A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total? | 7. <u>200.22</u> |
| 8) Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut? | 8. <u>40.48</u> |
| 9) The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version? | 9. <u>81.00</u> |
| 10) A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month? | 10. <u>33.32</u> |

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40.48	13.68	33.32	15.40	42.50
55.37	81.00	28.71	200.22	33.30

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