

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

- 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?

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| 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? | 1. 30.24 |
| 2) Gwen's hair was 41 centimeters long. Over summer though she cut off 19 percent. How long was her hair after the haircut? | 2. 33.21 |
| 3) A restaurant bill was \$26 after tax. If you wanted to leave a 10% tip, how much should you leave total? | 3. 28.60 |
| 4) A small bag of flour weighed 26 ounces. A large bag was 7% heavier. How much does the large bag weigh? | 4. 27.82 |
| 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? | 5. 45.10 |
| 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? | 6. 108.36 |
| 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? | 7. 274.40 |
| 8) A plant was 12 centimeters tall. After a month it had grown 14% taller. How tall was the plant after a month? | 8. 13.68 |
| 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? | 9. 13.80 |
| 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? | 10. 27.28 |

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

28.60	13.80	30.24	33.21	45.10
13.68	27.28	27.82	274.40	108.36

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