

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

- 1) A plant was 32 centimeters tall. After a month it had grown 12% taller. How tall was the plant after a month?
- 2) The early version of a cell phone was 136 millimeters thick. The current version is about 16 percent thinner. How thick is the newer version?
- 3) A furniture store had a chair that cost \$34. After a few months the owner took 19 percent off the price. How much is the chair now?
- 4) An old cell phone battery would last for 19 hours. The new battery lasts 30% longer. How long will the new battery last?
- 5) An older TV screen was 10 centimeters wide. The newer model increased the screen size by 18%. How wide is the new TV screen?
- 6) A store was selling lawn mowers for \$65. The repair agreement is 22% of the price of the mower. How much would it cost for a mower and repair agreement?
- 7) At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 7%. How much does the meal cost now?
- 8) Sarah's hair was 31 centimeters long. Over summer though she cut off 18 percent. How long was her hair after the haircut?
- 9) A video game was \$45. This weekend the game will be marked 19 percent off. How much is the game this weekend?
- 10) The bill at an electronics store was \$75 before tax. Tax is 5%. What is the total price with tax?

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24.70	79.30	35.84	11.80	25.42
36.45	9.63	78.75	27.54	114.24

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