



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

Answers

- 1) Janet's hair was 34 centimeters long. Over summer though she cut off 16 percent. How long was her hair after the haircut?
- 2) An older TV screen was 22 centimeters wide. The newer model increased the screen size by 12 percent. How wide is the new TV screen?
- 3) The bill at an electronics store was \$87 before tax. Tax is 7 percent. What is the total price with tax?
- 4) A store was selling lawn mowers for \$77. The repair agreement is 20 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 5) An old cell phone battery would last for 18 hours. The new battery lasts 22 percent longer. How long will the new battery last?
- 6) The early version of a cell phone was 104 millimeters thick. The current version is about 8 percent thinner. How thick is the newer version?
- 7) A video game was \$36. This weekend the game will be marked 9 percent off. How much is the game this weekend?
- 8) Oliver created a video that was originally 64 minutes long, but he ended up cutting it by 14 percent. How long was his video after he cut it?
- 9) A plant was 43 centimeters tall. After a month it had grown 6 percent taller. How tall was the plant after a month?
- 10) Faye ordered a shirt online that cost her \$30 total. The package arrived late so the seller took 41 percent off the price. How much did she end up paying?

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**Answers**

1. 28.56
2. 24.64
3. 93.09
4. 92.40
5. 21.96
6. 95.68
7. 32.76
8. 55.04
9. 45.58
10. 17.70



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45.58	21.96	92.40	95.68	28.56
17.70	32.76	93.09	24.64	55.04

**Answers**

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