



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

Answers

- 1) An old cell phone battery would last for 14 hours. The new battery lasts 30 percent longer. How long will the new battery last?
- 2) The early version of a cell phone was 144 millimeters thick. The current version is about 18 percent thinner. How thick is the newer version?
- 3) Paige's hair was 34 centimeters long. Over summer though she cut off 10 percent. How long was her hair after the haircut?
- 4) A video game was \$50. This weekend the game will be marked 19 percent off. How much is the game this weekend?
- 5) A loan company charged 21 percent interest on every dollar borrowed. If a person borrowed 132 dollars, how much would they end up paying total?
- 6) A furniture store had a chair that cost \$37. After a few months the owner took 9 percent off the price. How much is the chair now?
- 7) A restaurant bill was \$25 after tax. If you wanted to leave a 10 percent tip, how much should you leave total?
- 8) Tom 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 store was selling lawn mowers for \$62. The repair agreement is 13 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 10) An older TV screen was 16 centimeters wide. The newer model increased the screen size by 5 percent. How wide is the new TV screen?

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Answers

1. 18.20
2. 118.08
3. 30.60
4. 40.50
5. 159.72
6. 33.67
7. 27.50
8. 55.04
9. 70.06
10. 16.80

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16.80	70.06	27.50	33.67	30.60
118.08	159.72	18.20	55.04	40.50

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