

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

- 1) A video game was \$41. This weekend the game will be marked 8 percent off. How much is the game this weekend?
- 2) The early version of a cell phone was 140 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version?
- 3) Tiffany's hair was 35 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut?
- 4) A restaurant bill was \$33 after tax. If you wanted to leave a 13% tip, how much should you leave total?
- 5) A loan company charged 47% interest on every dollar borrowed. If a person borrowed 122 dollars, how much would they end up paying total?
- 6) A small bag of flour weighed 24 ounces. A large bag was 16% heavier. How much does the large bag weigh?
- 7) Cody created a video that was originally 51 minutes long, but he ended up cutting it by 17 percent. How long was his video after he cut it?
- 8) An old cell phone battery would last for 19 hours. The new battery lasts 28% longer. How long will the new battery last?
- 9) A large candy bar was 116 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have?
- 10) A store was selling lawn mowers for \$67. The repair agreement is 28% of the price of the mower. How much would it cost for a mower and repair agreement?

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| 1) A video game was \$41. This weekend the game will be marked 8 percent off. How much is the game this weekend? | 1. 37.72 |
| 2) The early version of a cell phone was 140 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version? | 2. 126.00 |
| 3) Tiffany's hair was 35 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut? | 3. 31.85 |
| 4) A restaurant bill was \$33 after tax. If you wanted to leave a 13% tip, how much should you leave total? | 4. 37.29 |
| 5) A loan company charged 47% interest on every dollar borrowed. If a person borrowed 122 dollars, how much would they end up paying total? | 5. 179.34 |
| 6) A small bag of flour weighed 24 ounces. A large bag was 16% heavier. How much does the large bag weigh? | 6. 27.84 |
| 7) Cody created a video that was originally 51 minutes long, but he ended up cutting it by 17 percent. How long was his video after he cut it? | 7. 42.33 |
| 8) An old cell phone battery would last for 19 hours. The new battery lasts 28% longer. How long will the new battery last? | 8. 24.32 |
| 9) A large candy bar was 116 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have? | 9. 75.40 |
| 10) A store was selling lawn mowers for \$67. The repair agreement is 28% of the price of the mower. How much would it cost for a mower and repair agreement? | 10. 85.76 |

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24.32	42.33	27.84	126.00	85.76
75.40	31.85	37.29	37.72	179.34

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