

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

- 1) Will created a video that was originally 45 minutes long, but he ended up cutting it by 9%. How long was his video after he cut it?
- 2) Carol's hair was 39 centimeters long. Over summer though she cut off 15%. How long was her hair after the haircut?
- 3) A furniture store had a chair that cost \$34. After a few months the owner took 12% off the price. How much is the chair now?
- 4) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 8 percent. How much does the meal cost now?
- 5) The bill at an electronics store was \$68 before tax. Tax is 8%. What is the total price with tax?
- 6) A store was selling lawn mowers for \$63. The repair agreement is 25 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 7) A small bag of flour weighed 28 ounces. A large bag was 18 percent heavier. How much does the large bag weigh?
- 8) A video game was \$31. This weekend the game will be marked 8% off. How much is the game this weekend?
- 9) An old cell phone battery would last for 11 hours. The new battery lasts 25% longer. How long will the new battery last?
- 10) A plant was 23 centimeters tall. After a month it had grown 14 percent taller. How tall was the plant after a month?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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- | | |
|---|-------------------------|
| 1) Will created a video that was originally 45 minutes long, but he ended up cutting it by 9%. How long was his video after he cut it? | 1. <u>40.95</u> |
| 2) Carol's hair was 39 centimeters long. Over summer though she cut off 15%. How long was her hair after the haircut? | 2. <u>33.15</u> |
| 3) A furniture store had a chair that cost \$34. After a few months the owner took 12% off the price. How much is the chair now? | 3. <u>29.92</u> |
| 4) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 8 percent. How much does the meal cost now? | 4. <u>8.64</u> |
| 5) The bill at an electronics store was \$68 before tax. Tax is 8%. What is the total price with tax? | 5. <u>73.44</u> |
| 6) A store was selling lawn mowers for \$63. The repair agreement is 25 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 6. <u>78.75</u> |
| 7) A small bag of flour weighed 28 ounces. A large bag was 18 percent heavier. How much does the large bag weigh? | 7. <u>33.04</u> |
| 8) A video game was \$31. This weekend the game will be marked 8% off. How much is the game this weekend? | 8. <u>28.52</u> |
| 9) An old cell phone battery would last for 11 hours. The new battery lasts 25% longer. How long will the new battery last? | 9. <u>13.75</u> |
| 10) A plant was 23 centimeters tall. After a month it had grown 14 percent taller. How tall was the plant after a month? | 10. <u>26.22</u> |

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