

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

- 1) A small bag of flour weighed 13 ounces. A large bag was 5% heavier. How much does the large bag weigh?
- 2) A restaurant bill was \$27 after tax. If you wanted to leave a 18% tip, how much should you leave total?
- 3) An old cell phone battery would last for 17 hours. The new battery lasts 22% longer. How long will the new battery last?
- 4) A store was selling lawn mowers for \$64. The repair agreement is 23% of the price of the mower. How much would it cost for a mower and repair agreement?
- 5) A large candy bar was 111 calories. The smaller candy bar has 23 percent less calories. How many calories does the smaller candy bar have?
- 6) A video game was \$40. This weekend the game will be marked 20 percent off. How much is the game this weekend?
- 7) A furniture store had a chair that cost \$50. After a few months the owner took 16 percent off the price. How much is the chair now?
- 8) An older TV screen was 28 centimeters wide. The newer model increased the screen size by 5%. How wide is the new TV screen?
- 9) Mike created a video that was originally 53 minutes long, but he ended up cutting it by 13 percent. How long was his video after he cut it?
- 10) Isabel's hair was 46 centimeters long. Over summer though she cut off 20 percent. How long was her hair after the haircut?

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| 1) A small bag of flour weighed 13 ounces. A large bag was 5% heavier. How much does the large bag weigh? | 1. 13.65 |
| 2) A restaurant bill was \$27 after tax. If you wanted to leave a 18% tip, how much should you leave total? | 2. 31.86 |
| 3) An old cell phone battery would last for 17 hours. The new battery lasts 22% longer. How long will the new battery last? | 3. 20.74 |
| 4) A store was selling lawn mowers for \$64. The repair agreement is 23% of the price of the mower. How much would it cost for a mower and repair agreement? | 4. 78.72 |
| 5) A large candy bar was 111 calories. The smaller candy bar has 23 percent less calories. How many calories does the smaller candy bar have? | 5. 85.47 |
| 6) A video game was \$40. This weekend the game will be marked 20 percent off. How much is the game this weekend? | 6. 32.00 |
| 7) A furniture store had a chair that cost \$50. After a few months the owner took 16 percent off the price. How much is the chair now? | 7. 42.00 |
| 8) An older TV screen was 28 centimeters wide. The newer model increased the screen size by 5%. How wide is the new TV screen? | 8. 29.40 |
| 9) Mike created a video that was originally 53 minutes long, but he ended up cutting it by 13 percent. How long was his video after he cut it? | 9. 46.11 |
| 10) Isabel's hair was 46 centimeters long. Over summer though she cut off 20 percent. How long was her hair after the haircut? | 10. 36.80 |

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32.00	13.65	85.47	36.80	29.40
20.74	31.86	78.72	42.00	46.11

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