| | Adding & Subtracting Percents of Quantity Name: | | | |
|------|--|----------|---------|---|
| Solv | e each problem. Round your answer to the nearest hundredth. | | Answers | |
| 1) | The bill at an electronics store was \$78 before tax. Tax is 4 percent. What is the total price with tax? | 1 | | - |
| 2) | At a restaurant a meal used to cost \$10, but a new owner decided to raise the price by 11 percent. How much does the meal cost now? | 2. 3. | | |
| 3) | A furniture store had a chair that cost \$39. After a few months the owner took 12 percent off the price. How much is the chair now? | 4 | | |
| 4) | A large candy bar was 100 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have? | 6 7 | | |
| 5) | A small bag of flour weighed 30 ounces. A large bag was 9 percent heavier. How much does the large bag weigh? | 8. 9. | | |
| 6) | A store was selling lawn mowers for \$87. The repair agreement is 29 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 10. | | |
| 7) | A restaurant bill was \$27 after tax. If you wanted to leave a 14 percent tip, how much should you leave total? | | | |
| 8) | A video game was \$43. This weekend the game will be marked 15 percent off. How much is the game this weekend? | | | |
| 9) | The early version of a cell phone was 131 millimeters thick. The current version is about 18 percent thinner. How thick is the newer version? | | | |
| 10) | Carol's hair was 38 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut? | | | |
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| | Adding & Subtracting Percents of Quantity Name: An | swer Key |
|------|--|------------------------------------|
| Solv | e each problem. Round your answer to the nearest hundredth. | Answers |
| 1) | The bill at an electronics store was \$78 before tax. Tax is 4 percent. What is the total price with tax? | 1. 81.12 |
| 2) | At a materiant a most used to east \$10, but a new sumer desided to miss the miss by 11 | 2. 11.10 |
| 2) | At a restaurant a meal used to cost \$10, but a new owner decided to raise the price by 11 percent. How much does the meal cost now? | 3. 34.32 |
| 3) | A furniture store had a chair that cost \$39. After a few months the owner took 12 percent off the price. How much is the chair now? | 4. <u>65.00</u> 5. <u>32.70</u> |
| 4) | A large candy bar was 100 calories. The smaller candy bar has 35 percent less calories. | 6. <u>112.23</u> |
| | How many calories does the smaller candy bar have? | 7. <u>30.78</u> 8. <u>36.55</u> |
| 5) | A small bag of flour weighed 30 ounces. A large bag was 9 percent heavier. How much does the large bag weigh? | 9. 107.42 |
| 6) | A store was selling lawn mowers for \$87. The repair agreement is 29 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 10. 34.58 |
| 7) | A restaurant bill was \$27 after tax. If you wanted to leave a 14 percent tip, how much should you leave total? | |
| 8) | A video game was \$43. This weekend the game will be marked 15 percent off. How much is the game this weekend? | |
| 9) | The early version of a cell phone was 131 millimeters thick. The current version is about 18 percent thinner. How thick is the newer version? | |
| 10) | Carol's hair was 38 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut? | |

| | | Adding & Subt | racting Percent | ts of Ouantity | Name: | | |
|------|-----------------------------------|--|----------------------|---|------------------------|-----------------|--|
| Solv | e each problem | | Answers | | | | |
| | 107.42 34.58 | 112.23 34.32 | 81.12 30.78 | 11.10 65.00 | 36.55 32.70 | 1. | |
| 1) | The bill at an e with tax? | electronics store was | s \$78 before tax. ' | Tax is 4 percent. Wh | hat is the total price | 2 3. | |
| 2) | | a meal used to cost nuch does the meal | | wner decided to rais | se the price by 11 | 4. | |
| 3) | | re had a chair that c Iow much is the cha | | ew months the owne | er took 12 percent | 5 6 | |
| 4) | | bar was 100 calorie ories does the small | | ndy bar has 35 perce e? | ent less calories. | 7 8 | |
| 5) | A small bag of does the large | | unces. A large ba | ng was 9 percent hea | vier. How much | ^{9.} – | |
| 6) | | 0 | 1 | ir agreement is 29 pe r and repair agreeme | - | | |
| 7) | A restaurant bi should you lea | | . If you wanted to | b leave a 14 percent t | tip, how much | | |
| 8) | A video game is the game thi | | end the game wil | ll be marked 15 perc | ent off. How much | | |
| 9) | | on of a cell phone v ner. How thick is th | | ers thick. The curren | t version is about | | |
| 10) | | as 38 centimeters log ter the haircut? | ng. Over summer | though she cut off 9 | percent. How long | | |

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