

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

- 1) The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version?
- 2) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16%. How much does the meal cost now?
- 3) A restaurant bill was \$46 after tax. If you wanted to leave a 9 percent tip, how much should you leave total?
- 4) Frank created a video that was originally 79 minutes long, but he ended up cutting it by 16%. How long was his video after he cut it?
- 5) Olivia ordered a shirt online that cost her \$35 total. The package arrived late so the seller took 13% off the price. How much did she end up paying?
- 6) A small bag of flour weighed 14 ounces. A large bag was 15% heavier. How much does the large bag weigh?
- 7) Janet's hair was 37 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut?
- 8) A store was selling lawn mowers for \$76. The repair agreement is 16% of the price of the mower. How much would it cost for a mower and repair agreement?
- 9) An older TV screen was 26 centimeters wide. The newer model increased the screen size by 15 percent. How wide is the new TV screen?
- 10) A loan company charged 21% interest on every dollar borrowed. If a person borrowed 135 dollars, how much would they end up paying total?

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

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- | | |
|--|--------------------------|
| 1) The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version? | 1. <u>90.78</u> |
| 2) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16%. How much does the meal cost now? | 2. <u>9.28</u> |
| 3) A restaurant bill was \$46 after tax. If you wanted to leave a 9 percent tip, how much should you leave total? | 3. <u>50.14</u> |
| 4) Frank created a video that was originally 79 minutes long, but he ended up cutting it by 16%. How long was his video after he cut it? | 4. <u>66.36</u> |
| 5) Olivia ordered a shirt online that cost her \$35 total. The package arrived late so the seller took 13% off the price. How much did she end up paying? | 5. <u>30.45</u> |
| 6) A small bag of flour weighed 14 ounces. A large bag was 15% heavier. How much does the large bag weigh? | 6. <u>16.10</u> |
| 7) Janet's hair was 37 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut? | 7. <u>32.19</u> |
| 8) A store was selling lawn mowers for \$76. The repair agreement is 16% of the price of the mower. How much would it cost for a mower and repair agreement? | 8. <u>88.16</u> |
| 9) An older TV screen was 26 centimeters wide. The newer model increased the screen size by 15 percent. How wide is the new TV screen? | 9. <u>29.90</u> |
| 10) A loan company charged 21% interest on every dollar borrowed. If a person borrowed 135 dollars, how much would they end up paying total? | 10. <u>163.35</u> |

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163.35

29.90

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1. _____

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2. _____

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