

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

- 1) A store was selling lawn mowers for \$57. The repair agreement is 15% of the price of the mower. How much would it cost for a mower and repair agreement?
- 2) The bill at an electronics store was \$88 before tax. Tax is 6 percent. What is the total price with tax?
- 3) A plant was 40 centimeters tall. After a month it had grown 14 percent taller. How tall was the plant after a month?
- 4) A large candy bar was 139 calories. The smaller candy bar has 34 percent less calories. How many calories does the smaller candy bar have?
- 5) An older TV screen was 30 centimeters wide. The newer model increased the screen size by 18%. How wide is the new TV screen?
- 6) A restaurant bill was \$46 after tax. If you wanted to leave a 13% tip, how much should you leave total?
- 7) A small bag of flour weighed 24 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?
- 8) The early version of a cell phone was 148 millimeters thick. The current version is about 11% thinner. How thick is the newer version?
- 9) A furniture store had a chair that cost \$36. After a few months the owner took 16% off the price. How much is the chair now?
- 10) Haley's hair was 44 centimeters long. Over summer though she cut off 17%. How long was her hair after the haircut?

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| 1) A store was selling lawn mowers for \$57. The repair agreement is 15% of the price of the mower. How much would it cost for a mower and repair agreement? | 1. <u><b>65.55</b></u>  |
| 2) The bill at an electronics store was \$88 before tax. Tax is 6 percent. What is the total price with tax?   | 2. <u><b>93.28</b></u>  |
| 3) A plant was 40 centimeters tall. After a month it had grown 14 percent taller. How tall was the plant after a month?                                      | 3. <u><b>45.60</b></u>  |
| 4) A large candy bar was 139 calories. The smaller candy bar has 34 percent less calories. How many calories does the smaller candy bar have?                | 4. <u><b>91.74</b></u>  |
| 5) An older TV screen was 30 centimeters wide. The newer model increased the screen size by 18%. How wide is the new TV screen?                              | 5. <u><b>35.40</b></u>  |
| 6) A restaurant bill was \$46 after tax. If you wanted to leave a 13% tip, how much should you leave total?  | 6. <u><b>51.98</b></u>  |
| 7) A small bag of flour weighed 24 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?  | 7. <u><b>27.60</b></u>  |
| 8) The early version of a cell phone was 148 millimeters thick. The current version is about 11% thinner. How thick is the newer version?                    | 8. <u><b>131.72</b></u> |
| 9) A furniture store had a chair that cost \$36. After a few months the owner took 16% off the price. How much is the chair now?                             | 9. <u><b>30.24</b></u>  |
| 10) Haley's hair was 44 centimeters long. Over summer though she cut off 17%. How long was her hair after the haircut?                                       | 10. <u><b>36.52</b></u> |

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