

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

- 1) A store was selling lawn mowers for \$69. The repair agreement is 18% of the price of the mower. How much would it cost for a mower and repair agreement?
- 2) A small bag of flour weighed 11 ounces. A large bag was 18% heavier. How much does the large bag weigh?
- 3) An old cell phone battery would last for 20 hours. The new battery lasts 27% longer. How long will the new battery last?
- 4) A large candy bar was 108 calories. The smaller candy bar has 31 percent less calories. How many calories does the smaller candy bar have?
- 5) The early version of a cell phone was 146 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 6) The bill at an electronics store was \$82 before tax. Tax is 4%. What is the total price with tax?
- 7) 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?
- 8) Victor created a video that was originally 81 minutes long, but he ended up cutting it by 14 percent. How long was his video after he cut it?
- 9) Vanessa ordered a shirt online that cost her \$39 total. The package arrived late so the seller took 11 percent off the price. How much did she end up paying?
- 10) A video game was \$32. This weekend the game will be marked 10 percent off. How much is the game this weekend?

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| 1) A store was selling lawn mowers for \$69. The repair agreement is 18% of the price of the mower. How much would it cost for a mower and repair agreement?      | 1. <b>81.42</b>  |
| 2) A small bag of flour weighed 11 ounces. A large bag was 18% heavier. How much does the large bag weigh?  | 2. <b>12.98</b>  |
| 3) An old cell phone battery would last for 20 hours. The new battery lasts 27% longer. How long will the new battery last?                                       | 3. <b>25.40</b>  |
| 4) A large candy bar was 108 calories. The smaller candy bar has 31 percent less calories. How many calories does the smaller candy bar have?                     | 4. <b>74.52</b>  |
| 5) The early version of a cell phone was 146 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?                  | 5. <b>118.26</b> |
| 6) The bill at an electronics store was \$82 before tax. Tax is 4%. What is the total price with tax?   | 6. <b>85.28</b>  |
| 7) 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?                                   | 7. <b>9.28</b>   |
| 8) Victor created a video that was originally 81 minutes long, but he ended up cutting it by 14 percent. How long was his video after he cut it?                  | 8. <b>69.66</b>  |
| 9) Vanessa ordered a shirt online that cost her \$39 total. The package arrived late so the seller took 11 percent off the price. How much did she end up paying? | 9. <b>34.71</b>  |
| 10) A video game was \$32. This weekend the game will be marked 10 percent off. How much is the game this weekend?  | 10. <b>28.80</b> |

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118.26	28.80	81.42	34.71	85.28
9.28	25.40	12.98	74.52	69.66

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