

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

- 1) Katie's hair was 31 centimeters long. Over summer though she cut off 10 percent. How long was her hair after the haircut?
- 2) A furniture store had a chair that cost \$44. After a few months the owner took 9 percent off the price. How much is the chair now?
- 3) The early version of a cell phone was 136 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version?
- 4) Isabel ordered a shirt online that cost her \$32 total. The package arrived late so the seller took 30 percent off the price. How much did she end up paying?
- 5) The bill at an electronics store was \$73 before tax. Tax is 4 percent. What is the total price with tax?
- 6) A small bag of flour weighed 18 ounces. A large bag was 13 percent heavier. How much does the large bag weigh?
- 7) A store was selling lawn mowers for \$92. The repair agreement is 16 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 8) A plant was 50 centimeters tall. After a month it had grown 12 percent taller. How tall was the plant after a month?
- 9) A large candy bar was 114 calories. The smaller candy bar has 24 percent less calories. How many calories does the smaller candy bar have?
- 10) An old cell phone battery would last for 13 hours. The new battery lasts 17 percent longer. How long will the new battery last?

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| 1) Katie's hair was 31 centimeters long. Over summer though she cut off 10 percent. How long was her hair after the haircut?  | 1. <u>27.90</u>  |
| 2) A furniture store had a chair that cost \$44. After a few months the owner took 9 percent off the price. How much is the chair now?                              | 2. <u>40.04</u>  |
| 3) The early version of a cell phone was 136 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version?                    | 3. <u>122.40</u> |
| 4) Isabel ordered a shirt online that cost her \$32 total. The package arrived late so the seller took 30 percent off the price. How much did she end up paying?    | 4. <u>22.40</u>  |
| 5) The bill at an electronics store was \$73 before tax. Tax is 4 percent. What is the total price with tax?  | 5. <u>75.92</u>  |
| 6) A small bag of flour weighed 18 ounces. A large bag was 13 percent heavier. How much does the large bag weigh?   | 6. <u>20.34</u>  |
| 7) A store was selling lawn mowers for \$92. The repair agreement is 16 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 7. <u>106.72</u> |
| 8) A plant was 50 centimeters tall. After a month it had grown 12 percent taller. How tall was the plant after a month?   | 8. <u>56.00</u>  |
| 9) A large candy bar was 114 calories. The smaller candy bar has 24 percent less calories. How many calories does the smaller candy bar have?                       | 9. <u>86.64</u>  |
| 10) An old cell phone battery would last for 13 hours. The new battery lasts 17 percent longer. How long will the new battery last?                                 | 10. <u>15.21</u> |

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86.64	20.34	106.72	22.40	15.21
40.04	27.90	75.92	56.00	122.40

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