



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

Answers

- 1) A small bag of flour weighed 13 ounces. A large bag was 5 percent heavier. How much does the large bag weigh?
- 2) A loan company charged 35 percent interest on every dollar borrowed. If a person borrowed 177 dollars, how much would they end up paying total?
- 3) A plant was 46 centimeters tall. After a month it had grown 7% taller. How tall was the plant after a month?
- 4) Ned created a video that was originally 40 minutes long, but he ended up cutting it by 8 percent. How long was his video after he cut it?
- 5) An old cell phone battery would last for 13 hours. The new battery lasts 29 percent longer. How long will the new battery last?
- 6) A furniture store had a chair that cost \$33. After a few months the owner took 9% off the price. How much is the chair now?
- 7) Olivia ordered a shirt online that cost her \$38 total. The package arrived late so the seller took 16% off the price. How much did she end up paying?
- 8) A store was selling lawn mowers for \$69. The repair agreement is 23 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 9) An older TV screen was 11 centimeters wide. The newer model increased the screen size by 10 percent. How wide is the new TV screen?
- 10) The early version of a cell phone was 93 millimeters thick. The current version is about 16% thinner. How thick is the newer version?

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



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Answers

- | | |
|---|------------------|
| 1) A small bag of flour weighed 13 ounces. A large bag was 5 percent heavier. How much does the large bag weigh? | 1. <u>13.65</u> |
| 2) A loan company charged 35 percent interest on every dollar borrowed. If a person borrowed 177 dollars, how much would they end up paying total? | 2. <u>238.95</u> |
| 3) A plant was 46 centimeters tall. After a month it had grown 7% taller. How tall was the plant after a month? | 3. <u>49.22</u> |
| 4) Ned created a video that was originally 40 minutes long, but he ended up cutting it by 8 percent. How long was his video after he cut it? | 4. <u>36.80</u> |
| 5) An old cell phone battery would last for 13 hours. The new battery lasts 29 percent longer. How long will the new battery last? | 5. <u>16.77</u> |
| 6) A furniture store had a chair that cost \$33. After a few months the owner took 9% off the price. How much is the chair now? | 6. <u>30.03</u> |
| 7) Olivia ordered a shirt online that cost her \$38 total. The package arrived late so the seller took 16% off the price. How much did she end up paying? | 7. <u>31.92</u> |
| 8) A store was selling lawn mowers for \$69. The repair agreement is 23 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 8. <u>84.87</u> |
| 9) An older TV screen was 11 centimeters wide. The newer model increased the screen size by 10 percent. How wide is the new TV screen? | 9. <u>12.10</u> |
| 10) The early version of a cell phone was 93 millimeters thick. The current version is about 16% thinner. How thick is the newer version? | 10. <u>78.12</u> |