



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?

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Answers

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|---|------------------|
| 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> |

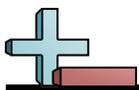


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) A furniture store had a chair that cost \$47. After a few months the owner took 9% off the price. How much is the chair now?
- 2) A small bag of flour weighed 30 ounces. A large bag was 10% heavier. How much does the large bag weigh?
- 3) A loan company charged 44 percent interest on every dollar borrowed. If a person borrowed 147 dollars, how much would they end up paying total?
- 4) An old cell phone battery would last for 16 hours. The new battery lasts 25% longer. How long will the new battery last?
- 5) Wendy's hair was 45 centimeters long. Over summer though she cut off 19%. How long was her hair after the haircut?
- 6) A restaurant bill was \$35 after tax. If you wanted to leave a 14% tip, how much should you leave total?
- 7) A large candy bar was 147 calories. The smaller candy bar has 35% less calories. How many calories does the smaller candy bar have?
- 8) A video game was \$45. This weekend the game will be marked 13% off. How much is the game this weekend?
- 9) The bill at an electronics store was \$86 before tax. Tax is 7 percent. What is the total price with tax?
- 10) Kaleb created a video that was originally 77 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?

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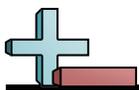


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- 9) The bill at an electronics store was \$86 before tax. Tax is 7 percent. What is the total price with tax?
- 10) Kaleb created a video that was originally 77 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?

Answers

1. 42.77
2. 33.00
3. 211.68
4. 20.00
5. 36.45
6. 39.90
7. 95.55
8. 39.15
9. 92.02
10. 69.30

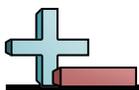


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) The early version of a cell phone was 144 millimeters thick. The current version is about 14 percent thinner. How thick is the newer version?
- 2) A furniture store had a chair that cost \$47. After a few months the owner took 16 percent off the price. How much is the chair now?
- 3) Amy ordered a shirt online that cost her \$22 total. The package arrived late so the seller took 9% off the price. How much did she end up paying?
- 4) A store was selling lawn mowers for \$65. The repair agreement is 16 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 5) Paige's hair was 38 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?
- 6) A small bag of flour weighed 29 ounces. A large bag was 17% heavier. How much does the large bag weigh?
- 7) A loan company charged 28 percent interest on every dollar borrowed. If a person borrowed 138 dollars, how much would they end up paying total?
- 8) A large candy bar was 97 calories. The smaller candy bar has 29% less calories. How many calories does the smaller candy bar have?
- 9) A restaurant bill was \$23 after tax. If you wanted to leave a 13% tip, how much should you leave total?
- 10) At a restaurant a meal used to cost \$11, but a new owner decided to raise the price by 14%. How much does the meal cost now?

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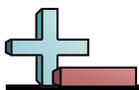


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Answers

1. 123.84
2. 39.48
3. 20.02
4. 75.40
5. 33.44
6. 33.93
7. 176.64
8. 68.87
9. 25.99
10. 12.54

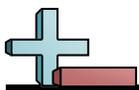


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) A small bag of flour weighed 30 ounces. A large bag was 12 percent heavier. How much does the large bag weigh?
- 2) A restaurant bill was \$22 after tax. If you wanted to leave a 13 percent tip, how much should you leave total?
- 3) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 13%. How much does the meal cost now?
- 4) The early version of a cell phone was 109 millimeters thick. The current version is about 13 percent thinner. How thick is the newer version?
- 5) A large candy bar was 127 calories. The smaller candy bar has 25 percent less calories. How many calories does the smaller candy bar have?
- 6) A furniture store had a chair that cost \$40. After a few months the owner took 17% off the price. How much is the chair now?
- 7) An older TV screen was 20 centimeters wide. The newer model increased the screen size by 11 percent. How wide is the new TV screen?
- 8) A plant was 24 centimeters tall. After a month it had grown 9% taller. How tall was the plant after a month?
- 9) Tiffany ordered a shirt online that cost her \$25 total. The package arrived late so the seller took 6 percent off the price. How much did she end up paying?
- 10) A store was selling lawn mowers for \$54. The repair agreement is 18 percent of the price of the mower. How much would it cost for a mower and repair agreement?

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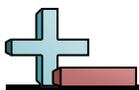


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- 10) A store was selling lawn mowers for \$54. The repair agreement is 18 percent of the price of the mower. How much would it cost for a mower and repair agreement?

Answers

1. 33.60
2. 24.86
3. 13.56
4. 94.83
5. 95.25
6. 33.20
7. 22.20
8. 26.16
9. 23.50
10. 63.72

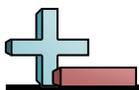


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) Bianca ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 4% off the price. How much did she end up paying?
- 2) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 8%. How much does the meal cost now?
- 3) A restaurant bill was \$48 after tax. If you wanted to leave a 18 percent tip, how much should you leave total?
- 4) A video game was \$43. This weekend the game will be marked 15 percent off. How much is the game this weekend?
- 5) A small bag of flour weighed 17 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?
- 6) A loan company charged 41% interest on every dollar borrowed. If a person borrowed 185 dollars, how much would they end up paying total?
- 7) A store was selling lawn mowers for \$66. The repair agreement is 27 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 8) A furniture store had a chair that cost \$31. After a few months the owner took 10% off the price. How much is the chair now?
- 9) The early version of a cell phone was 102 millimeters thick. The current version is about 13 percent thinner. How thick is the newer version?
- 10) A plant was 27 centimeters tall. After a month it had grown 14% taller. How tall was the plant after a month?

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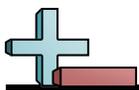


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Answers

1. 22.08
2. 12.96
3. 56.64
4. 36.55
5. 19.55
6. 260.85
7. 83.82
8. 27.90
9. 88.74
10. 30.78

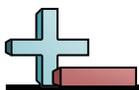


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) A restaurant bill was \$46 after tax. If you wanted to leave a 12 percent tip, how much should you leave total?
- 2) Katie's hair was 38 centimeters long. Over summer though she cut off 11%. How long was her hair after the haircut?
- 3) The early version of a cell phone was 94 millimeters thick. The current version is about 15 percent thinner. How thick is the newer version?
- 4) A video game was \$30. This weekend the game will be marked 8% off. How much is the game this weekend?
- 5) A furniture store had a chair that cost \$49. After a few months the owner took 8 percent off the price. How much is the chair now?
- 6) A plant was 44 centimeters tall. After a month it had grown 18 percent taller. How tall was the plant after a month?
- 7) A small bag of flour weighed 30 ounces. A large bag was 13% heavier. How much does the large bag weigh?
- 8) A large candy bar was 106 calories. The smaller candy bar has 28% less calories. How many calories does the smaller candy bar have?
- 9) An old cell phone battery would last for 13 hours. The new battery lasts 20 percent longer. How long will the new battery last?
- 10) A store was selling lawn mowers for \$55. The repair agreement is 30% of the price of the mower. How much would it cost for a mower and repair agreement?

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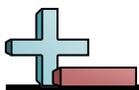


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Answers

1. 51.52
2. 33.82
3. 79.90
4. 27.60
5. 45.08
6. 51.92
7. 33.90
8. 76.32
9. 15.60
10. 71.50

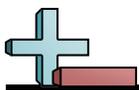


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) Carol's hair was 31 centimeters long. Over summer though she cut off 15 percent. How long was her hair after the haircut?
- 2) A store was selling lawn mowers for \$72. The repair agreement is 23% of the price of the mower. How much would it cost for a mower and repair agreement?
- 3) A large candy bar was 114 calories. The smaller candy bar has 27% less calories. How many calories does the smaller candy bar have?
- 4) An old cell phone battery would last for 20 hours. The new battery lasts 9 percent longer. How long will the new battery last?
- 5) A small bag of flour weighed 30 ounces. A large bag was 6 percent heavier. How much does the large bag weigh?
- 6) A video game was \$50. This weekend the game will be marked 12 percent off. How much is the game this weekend?
- 7) The bill at an electronics store was \$85 before tax. Tax is 8 percent. What is the total price with tax?
- 8) An older TV screen was 13 centimeters wide. The newer model increased the screen size by 15%. How wide is the new TV screen?
- 9) Vanessa ordered a shirt online that cost her \$38 total. The package arrived late so the seller took 37% off the price. How much did she end up paying?
- 10) A loan company charged 21 percent interest on every dollar borrowed. If a person borrowed 138 dollars, how much would they end up paying total?

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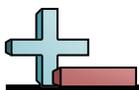


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- 10) A loan company charged 21 percent interest on every dollar borrowed. If a person borrowed 138 dollars, how much would they end up paying total?

Answers

1. 26.35
2. 88.56
3. 83.22
4. 21.80
5. 31.80
6. 44.00
7. 91.80
8. 14.95
9. 23.94
10. 166.98

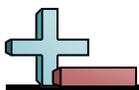


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- 2) An older TV screen was 45 centimeters wide. The newer model increased the screen size by 6%. How wide is the new TV screen?
- 3) A store was selling lawn mowers for \$91. The repair agreement is 12 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 4) A large candy bar was 98 calories. The smaller candy bar has 26% less calories. How many calories does the smaller candy bar have?
- 5) Debby ordered a shirt online that cost her \$40 total. The package arrived late so the seller took 15% off the price. How much did she end up paying?
- 6) An old cell phone battery would last for 10 hours. The new battery lasts 15% longer. How long will the new battery last?
- 7) A furniture store had a chair that cost \$37. After a few months the owner took 18 percent off the price. How much is the chair now?
- 8) A plant was 16 centimeters tall. After a month it had grown 9% taller. How tall was the plant after a month?
- 9) The early version of a cell phone was 112 millimeters thick. The current version is about 11% thinner. How thick is the newer version?
- 10) At a restaurant a meal used to cost \$10, but a new owner decided to raise the price by 20%. How much does the meal cost now?

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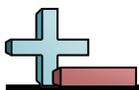


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Answers

1. 54.60
2. 47.70
3. 101.92
4. 72.52
5. 34.00
6. 11.50
7. 30.34
8. 17.44
9. 99.68
10. 12.00

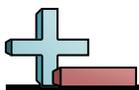


Solve each problem. Round your answer to the nearest hundredth.

Answers

- 1) A restaurant bill was \$49 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 2) A large candy bar was 146 calories. The smaller candy bar has 28 percent less calories. How many calories does the smaller candy bar have?
- 3) Megan's hair was 35 centimeters long. Over summer though she cut off 14%. How long was her hair after the haircut?
- 4) A small bag of flour weighed 25 ounces. A large bag was 5% heavier. How much does the large bag weigh?
- 5) A plant was 46 centimeters tall. After a month it had grown 20% taller. How tall was the plant after a month?
- 6) A video game was \$46. This weekend the game will be marked 11% off. How much is the game this weekend?
- 7) A furniture store had a chair that cost \$42. After a few months the owner took 20 percent off the price. How much is the chair now?
- 8) An old cell phone battery would last for 15 hours. The new battery lasts 7 percent longer. How long will the new battery last?
- 9) A store was selling lawn mowers for \$77. The repair agreement is 22 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 10) Bianca ordered a shirt online that cost her \$40 total. The package arrived late so the seller took 16 percent off the price. How much did she end up paying?

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

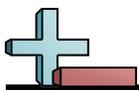


Solve each problem. Round your answer to the nearest hundredth.

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Answers

1. 56.84
2. 105.12
3. 30.10
4. 26.25
5. 55.20
6. 40.94
7. 33.60
8. 16.05
9. 93.94
10. 33.60



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

Answers

- 1) Bianca ordered a shirt online that cost her \$31 total. The package arrived late so the seller took 24 percent off the price. How much did she end up paying? 1. _____

- 2) An old cell phone battery would last for 18 hours. The new battery lasts 23% longer. How long will the new battery last? 2. _____

- 3) A small bag of flour weighed 12 ounces. A large bag was 10% heavier. How much does the large bag weigh? 3. _____

- 4) A loan company charged 34 percent interest on every dollar borrowed. If a person borrowed 182 dollars, how much would they end up paying total? 4. _____

- 5) A video game was \$44. This weekend the game will be marked 11% off. How much is the game this weekend? 5. _____

- 6) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 19 percent. How much does the meal cost now? 6. _____

- 7) A furniture store had a chair that cost \$45. After a few months the owner took 10% off the price. How much is the chair now? 7. _____

- 8) The bill at an electronics store was \$68 before tax. Tax is 6%. What is the total price with tax? 8. _____

- 9) The early version of a cell phone was 118 millimeters thick. The current version is about 14% thinner. How thick is the newer version? 9. _____

- 10) A large candy bar was 95 calories. The smaller candy bar has 26 percent less calories. How many calories does the smaller candy bar have? 10. _____



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Answers

1. 23.56
2. 22.14
3. 13.20
4. 243.88
5. 39.16
6. 14.28
7. 40.50
8. 72.08
9. 101.48
10. 70.30