

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

- 1) At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?
- 2) An older TV screen was 26 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?
- 3) A restaurant bill was \$28 after tax. If you wanted to leave a 17 percent tip, how much should you leave total?
- 4) Carol ordered a shirt online that cost her \$26 total. The package arrived late so the seller took 14 percent off the price. How much did she end up paying?
- 5) A plant was 41 centimeters tall. After a month it had grown 20 percent taller. How tall was the plant after a month?
- 6) A loan company charged 25 percent interest on every dollar borrowed. If a person borrowed 186 dollars, how much would they end up paying total?
- 7) A video game was \$31. This weekend the game will be marked 20 percent off. How much is the game this weekend?
- 8) A large candy bar was 107 calories. The smaller candy bar has 21 percent less calories. How many calories does the smaller candy bar have?
- 9) A small bag of flour weighed 26 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?
- 10) Gwen's hair was 40 centimeters long. Over summer though she cut off 18 percent. How long was her hair after the haircut?

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- 10) Gwen's hair was 40 centimeters long. Over summer though she cut off 18 percent. How long was her hair after the haircut?

**Answers**

1. **10.17**
2. **27.56**
3. **32.76**
4. **22.36**
5. **49.20**
6. **232.50**
7. **24.80**
8. **84.53**
9. **29.90**
10. **32.80**

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49.20	24.80	27.56	32.80	32.76
232.50	84.53	10.17	22.36	29.90

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

- 1) The bill at an electronics store was \$60 before tax. Tax is 7 percent. What is the total price with tax?
- 2) A small bag of flour weighed 10 ounces. A large bag was 6 percent heavier. How much does the large bag weigh?
- 3) A plant was 35 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?
- 4) A loan company charged 49 percent interest on every dollar borrowed. If a person borrowed 188 dollars, how much would they end up paying total?
- 5) The early version of a cell phone was 137 millimeters thick. The current version is about 20 percent thinner. How thick is the newer version?
- 6) Victor created a video that was originally 75 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?
- 7) A furniture store had a chair that cost \$48. After a few months the owner took 10 percent off the price. How much is the chair now?
- 8) A video game was \$42. This weekend the game will be marked 17 percent off. How much is the game this weekend?
- 9) Emily's hair was 40 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?
- 10) Rachel ordered a shirt online that cost her \$20 total. The package arrived late so the seller took 40 percent off the price. How much did she end up paying?

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

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| 1) The bill at an electronics store was \$60 before tax. Tax is 7 percent. What is the total price with tax?  | 1. <b>64.20</b>  |
| 2) A small bag of flour weighed 10 ounces. A large bag was 6 percent heavier. How much does the large bag weigh?  | 2. <b>10.60</b>  |
| 3) A plant was 35 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?   | 3. <b>39.55</b>  |
| 4) A loan company charged 49 percent interest on every dollar borrowed. If a person borrowed 188 dollars, how much would they end up paying total?                | 4. <b>280.12</b> |
| 5) The early version of a cell phone was 137 millimeters thick. The current version is about 20 percent thinner. How thick is the newer version?                  | 5. <b>109.60</b> |
| 6) Victor created a video that was originally 75 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?                  | 6. <b>63.75</b>  |
| 7) A furniture store had a chair that cost \$48. After a few months the owner took 10 percent off the price. How much is the chair now?                           | 7. <b>43.20</b>  |
| 8) A video game was \$42. This weekend the game will be marked 17 percent off. How much is the game this weekend?   | 8. <b>34.86</b>  |
| 9) Emily's hair was 40 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?                                      | 9. <b>34.40</b>  |
| 10) Rachel ordered a shirt online that cost her \$20 total. The package arrived late so the seller took 40 percent off the price. How much did she end up paying? | 10. <b>12.00</b> |

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

64.20	109.60	34.40	39.55	43.20
280.12	12.00	10.60	34.86	63.75

- 1) The bill at an electronics store was \$60 before tax. Tax is 7 percent. What is the total price with tax?
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**Solve each problem. Round your answer to the nearest hundredth.****Answers**

- 1) John created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?
- 2) Olivia ordered a shirt online that cost her \$37 total. The package arrived late so the seller took 10 percent off the price. How much did she end up paying?
- 3) The early version of a cell phone was 145 millimeters thick. The current version is about 8 percent thinner. How thick is the newer version?
- 4) A small bag of flour weighed 22 ounces. A large bag was 7 percent heavier. How much does the large bag weigh?
- 5) A large candy bar was 140 calories. The smaller candy bar has 19 percent less calories. How many calories does the smaller candy bar have?
- 6) A video game was \$47. This weekend the game will be marked 16 percent off. How much is the game this weekend?
- 7) A plant was 39 centimeters tall. After a month it had grown 15 percent taller. How tall was the plant after a month?
- 8) A store was selling lawn mowers for \$52. The repair agreement is 16 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 9) A furniture store had a chair that cost \$40. After a few months the owner took 17 percent off the price. How much is the chair now?
- 10) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 17 percent. How much does the meal cost now?

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**Answers**

1. **35.64**
2. **33.30**
3. **133.40**
4. **23.54**
5. **113.40**
6. **39.48**
7. **44.85**
8. **60.32**
9. **33.20**
10. **14.04**



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

44.85	33.20	113.40	133.40	35.64
14.04	23.54	33.30	60.32	39.48

**Answers**

- 1) John created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?
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**Solve each problem. Round your answer to the nearest hundredth.****Answers**

- 1) A large candy bar was 96 calories. The smaller candy bar has 22 percent less calories. How many calories does the smaller candy bar have?
- 2) A restaurant bill was \$43 after tax. If you wanted to leave a 13 percent tip, how much should you leave total?
- 3) A video game was \$48. This weekend the game will be marked 10 percent off. How much is the game this weekend?
- 4) A furniture store had a chair that cost \$42. After a few months the owner took 14 percent off the price. How much is the chair now?
- 5) An old cell phone battery would last for 15 hours. The new battery lasts 17 percent longer. How long will the new battery last?
- 6) Emily's hair was 40 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut?
- 7) A plant was 22 centimeters tall. After a month it had grown 10 percent taller. How tall was the plant after a month?
- 8) Maria ordered a shirt online that cost her \$33 total. The package arrived late so the seller took 22 percent off the price. How much did she end up paying?
- 9) A loan company charged 31 percent interest on every dollar borrowed. If a person borrowed 106 dollars, how much would they end up paying total?
- 10) A small bag of flour weighed 28 ounces. A large bag was 9 percent heavier. How much does the large bag weigh?

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| 1) A large candy bar was 96 calories. The smaller candy bar has 22 percent less calories. How many calories does the smaller candy bar have?                    | 1. <b>74.88</b>  |
| 2) A restaurant bill was \$43 after tax. If you wanted to leave a 13 percent tip, how much should you leave total?  | 2. <b>48.59</b>  |
| 3) A video game was \$48. This weekend the game will be marked 10 percent off. How much is the game this weekend?   | 3. <b>43.20</b>  |
| 4) A furniture store had a chair that cost \$42. After a few months the owner took 14 percent off the price. How much is the chair now?                         | 4. <b>36.12</b>  |
| 5) An old cell phone battery would last for 15 hours. The new battery lasts 17 percent longer. How long will the new battery last?                              | 5. <b>17.55</b>  |
| 6) Emily's hair was 40 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut?                                    | 6. <b>34.80</b>  |
| 7) A plant was 22 centimeters tall. After a month it had grown 10 percent taller. How tall was the plant after a month?   | 7. <b>24.20</b>  |
| 8) Maria ordered a shirt online that cost her \$33 total. The package arrived late so the seller took 22 percent off the price. How much did she end up paying? | 8. <b>25.74</b>  |
| 9) A loan company charged 31 percent interest on every dollar borrowed. If a person borrowed 106 dollars, how much would they end up paying total?              | 9. <b>138.86</b> |
| 10) A small bag of flour weighed 28 ounces. A large bag was 9 percent heavier. How much does the large bag weigh?   | 10. <b>30.52</b> |

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138.86	30.52	74.88	17.55	24.20
48.59	36.12	43.20	25.74	34.80

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- 1) The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version?
- 2) A video game was \$35. This weekend the game will be marked 14 percent off. How much is the game this weekend?
- 3) A restaurant bill was \$28 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 4) Paul created a video that was originally 49 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?
- 5) A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?
- 6) An older TV screen was 47 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?
- 7) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16 percent. How much does the meal cost now?
- 8) The bill at an electronics store was \$64 before tax. Tax is 9 percent. What is the total price with tax?
- 9) A store was selling lawn mowers for \$96. The repair agreement is 21 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 10) A furniture store had a chair that cost \$35. After a few months the owner took 14 percent off the price. How much is the chair now?

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

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|---|-------------------------|
| 1) The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version?                    | 1. <u><b>90.78</b></u>  |
| 2) A video game was \$35. This weekend the game will be marked 14 percent off. How much is the game this weekend?   | 2. <u><b>30.10</b></u>  |
| 3) A restaurant bill was \$28 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?  | 3. <u><b>32.48</b></u>  |
| 4) Paul created a video that was originally 49 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?                      | 4. <u><b>41.65</b></u>  |
| 5) A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?   | 5. <u><b>15.82</b></u>  |
| 6) An older TV screen was 47 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?                               | 6. <u><b>49.82</b></u>  |
| 7) At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16 percent. How much does the meal cost now?                              | 7. <u><b>9.28</b></u>   |
| 8) The bill at an electronics store was \$64 before tax. Tax is 9 percent. What is the total price with tax?  | 8. <u><b>69.76</b></u>  |
| 9) A store was selling lawn mowers for \$96. The repair agreement is 21 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 9. <u><b>116.16</b></u> |
| 10) A furniture store had a chair that cost \$35. After a few months the owner took 14 percent off the price. How much is the chair now?                            | 10. <u><b>30.10</b></u> |

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69.76	41.65	30.10	90.78	9.28
32.48	30.10	116.16	15.82	49.82

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- 1) The early version of a cell phone was 109 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 2) An older TV screen was 16 centimeters wide. The newer model increased the screen size by 16 percent. How wide is the new TV screen?
- 3) A video game was \$33. This weekend the game will be marked 12 percent off. How much is the game this weekend?
- 4) A restaurant bill was \$31 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 5) A plant was 41 centimeters tall. After a month it had grown 7 percent taller. How tall was the plant after a month?
- 6) Amy ordered a shirt online that cost her \$30 total. The package arrived late so the seller took 16 percent off the price. How much did she end up paying?
- 7) A small bag of flour weighed 12 ounces. A large bag was 8 percent heavier. How much does the large bag weigh?
- 8) John created a video that was originally 66 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?
- 9) At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?
- 10) The bill at an electronics store was \$61 before tax. Tax is 5 percent. What is the total price with tax?

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1. **88.29**
2. **18.56**
3. **29.04**
4. **35.96**
5. **43.87**
6. **25.20**
7. **12.96**
8. **59.40**
9. **10.17**
10. **64.05**

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

25.20	64.05	43.87	59.40	88.29
18.56	12.96	29.04	10.17	35.96

- 1) The early version of a cell phone was 109 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 2) An older TV screen was 16 centimeters wide. The newer model increased the screen size by 16 percent. How wide is the new TV screen?
- 3) A video game was \$33. This weekend the game will be marked 12 percent off. How much is the game this weekend?
- 4) A restaurant bill was \$31 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 5) A plant was 41 centimeters tall. After a month it had grown 7 percent taller. How tall was the plant after a month?
- 6) Amy ordered a shirt online that cost her \$30 total. The package arrived late so the seller took 16 percent off the price. How much did she end up paying?
- 7) A small bag of flour weighed 12 ounces. A large bag was 8 percent heavier. How much does the large bag weigh?
- 8) John created a video that was originally 66 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?
- 9) At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?
- 10) The bill at an electronics store was \$61 before tax. Tax is 5 percent. What is the total price with tax?

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

- 1) An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?
- 2) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now?
- 3) A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now?
- 4) An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last?
- 5) A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh?
- 6) A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?
- 7) A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total?
- 8) Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?
- 9) The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 10) A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month?

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

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| 1) An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?             | 1. <u>55.37</u>  |
| 2) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now?            | 2. <u>13.68</u>  |
| 3) A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now?            | 3. <u>28.71</u>  |
| 4) An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last?                 | 4. <u>15.40</u>  |
| 5) A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh?                                  | 5. <u>33.30</u>  |
| 6) A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?                                  | 6. <u>42.50</u>  |
| 7) A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total? | 7. <u>200.22</u> |
| 8) Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?                         | 8. <u>40.48</u>  |
| 9) The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?   | 9. <u>81.00</u>  |
| 10) A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month?                           | 10. <u>33.32</u> |

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

40.48	13.68	33.32	15.40	42.50
55.37	81.00	28.71	200.22	33.30

**Answers**

- 1) An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?
- 2) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now?
- 3) A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now?
- 4) An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last?
- 5) A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh?
- 6) A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?
- 7) A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total?
- 8) Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?
- 9) The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?
- 10) A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month?

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

- 1) A restaurant bill was \$42 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 2) An old cell phone battery would last for 18 hours. The new battery lasts 29 percent longer. How long will the new battery last?
- 3) The bill at an electronics store was \$61 before tax. Tax is 4 percent. What is the total price with tax?
- 4) A video game was \$50. This weekend the game will be marked 10 percent off. How much is the game this weekend?
- 5) A large candy bar was 117 calories. The smaller candy bar has 20 percent less calories. How many calories does the smaller candy bar have?
- 6) Bianca's hair was 37 centimeters long. Over summer though she cut off 11 percent. How long was her hair after the haircut?
- 7) A loan company charged 47 percent interest on every dollar borrowed. If a person borrowed 154 dollars, how much would they end up paying total?
- 8) An older TV screen was 17 centimeters wide. The newer model increased the screen size by 14 percent. How wide is the new TV screen?
- 9) A furniture store had a chair that cost \$46. After a few months the owner took 9 percent off the price. How much is the chair now?
- 10) A small bag of flour weighed 18 ounces. A large bag was 10 percent heavier. How much does the large bag weigh?

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

- 1) A restaurant bill was \$42 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
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**Answers**

1. **48.72**
2. **23.22**
3. **63.44**
4. **45.00**
5. **93.60**
6. **32.93**
7. **226.38**
8. **19.38**
9. **41.86**
10. **19.80**

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

19.38	226.38	32.93	93.60	41.86
63.44	19.80	45.00	48.72	23.22

- 1) A restaurant bill was \$42 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?
- 2) An old cell phone battery would last for 18 hours. The new battery lasts 29 percent longer. How long will the new battery last?
- 3) The bill at an electronics store was \$61 before tax. Tax is 4 percent. What is the total price with tax?
- 4) A video game was \$50. This weekend the game will be marked 10 percent off. How much is the game this weekend?
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- 8) An older TV screen was 17 centimeters wide. The newer model increased the screen size by 14 percent. How wide is the new TV screen?
- 9) A furniture store had a chair that cost \$46. After a few months the owner took 9 percent off the price. How much is the chair now?
- 10) A small bag of flour weighed 18 ounces. A large bag was 10 percent heavier. How much does the large bag weigh?

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

- 1) An older TV screen was 37 centimeters wide. The newer model increased the screen size by 5 percent. How wide is the new TV screen?
- 2) The bill at an electronics store was \$78 before tax. Tax is 6 percent. What is the total price with tax?
- 3) A small bag of flour weighed 21 ounces. A large bag was 17 percent heavier. How much does the large bag weigh?
- 4) Carol ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 15 percent off the price. How much did she end up paying?
- 5) A loan company charged 20 percent interest on every dollar borrowed. If a person borrowed 100 dollars, how much would they end up paying total?
- 6) A large candy bar was 140 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?
- 7) A store was selling lawn mowers for \$78. The repair agreement is 26 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 8) A video game was \$36. This weekend the game will be marked 11 percent off. How much is the game this weekend?
- 9) A restaurant bill was \$27 after tax. If you wanted to leave a 9 percent tip, how much should you leave total?
- 10) The early version of a cell phone was 115 millimeters thick. The current version is about 15 percent thinner. How thick is the newer version?

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

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|---|-------------------------|
| 1) An older TV screen was 37 centimeters wide. The newer model increased the screen size by 5 percent. How wide is the new TV screen?                               | 1. <u><b>38.85</b></u>  |
| 2) The bill at an electronics store was \$78 before tax. Tax is 6 percent. What is the total price with tax?  | 2. <u><b>82.68</b></u>  |
| 3) A small bag of flour weighed 21 ounces. A large bag was 17 percent heavier. How much does the large bag weigh?   | 3. <u><b>24.57</b></u>  |
| 4) Carol ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 15 percent off the price. How much did she end up paying?     | 4. <u><b>19.55</b></u>  |
| 5) A loan company charged 20 percent interest on every dollar borrowed. If a person borrowed 100 dollars, how much would they end up paying total?                  | 5. <u><b>120.00</b></u> |
| 6) A large candy bar was 140 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?                       | 6. <u><b>117.60</b></u> |
| 7) A store was selling lawn mowers for \$78. The repair agreement is 26 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 7. <u><b>98.28</b></u>  |
| 8) A video game was \$36. This weekend the game will be marked 11 percent off. How much is the game this weekend?   | 8. <u><b>32.04</b></u>  |
| 9) A restaurant bill was \$27 after tax. If you wanted to leave a 9 percent tip, how much should you leave total?   | 9. <u><b>29.43</b></u>  |
| 10) The early version of a cell phone was 115 millimeters thick. The current version is about 15 percent thinner. How thick is the newer version?                   | 10. <u><b>97.75</b></u> |

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

98.28	117.60	82.68	29.43	32.04
38.85	97.75	120.00	24.57	19.55

- 1) An older TV screen was 37 centimeters wide. The newer model increased the screen size by 5 percent. How wide is the new TV screen?
- 2) The bill at an electronics store was \$78 before tax. Tax is 6 percent. What is the total price with tax?
- 3) A small bag of flour weighed 21 ounces. A large bag was 17 percent heavier. How much does the large bag weigh?
- 4) Carol ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 15 percent off the price. How much did she end up paying?
- 5) A loan company charged 20 percent interest on every dollar borrowed. If a person borrowed 100 dollars, how much would they end up paying total?
- 6) A large candy bar was 140 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?
- 7) A store was selling lawn mowers for \$78. The repair agreement is 26 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 8) A video game was \$36. This weekend the game will be marked 11 percent off. How much is the game this weekend?
- 9) A restaurant bill was \$27 after tax. If you wanted to leave a 9 percent tip, how much should you leave total?
- 10) The early version of a cell phone was 115 millimeters thick. The current version is about 15 percent thinner. How thick is the newer version?

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

- 1) A furniture store had a chair that cost \$36. After a few months the owner took 17 percent off the price. How much is the chair now?
- 2) A restaurant bill was \$33 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?
- 3) Tiffany's hair was 36 centimeters long. Over summer though she cut off 17 percent. How long was her hair after the haircut?
- 4) The early version of a cell phone was 103 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?
- 5) A loan company charged 22 percent interest on every dollar borrowed. If a person borrowed 144 dollars, how much would they end up paying total?
- 6) Nancy ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 37 percent off the price. How much did she end up paying?
- 7) The bill at an electronics store was \$57 before tax. Tax is 7 percent. What is the total price with tax?
- 8) An old cell phone battery would last for 17 hours. The new battery lasts 5 percent longer. How long will the new battery last?
- 9) A store was selling lawn mowers for \$73. The repair agreement is 9 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 10) A video game was \$39. This weekend the game will be marked 11 percent off. How much is the game this weekend?

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

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| 1) A furniture store had a chair that cost \$36. After a few months the owner took 17 percent off the price. How much is the chair now?                            | 1. <u>29.88</u>  |
| 2) A restaurant bill was \$33 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?   | 2. <u>37.95</u>  |
| 3) Tiffany's hair was 36 centimeters long. Over summer though she cut off 17 percent. How long was her hair after the haircut?                                     | 3. <u>29.88</u>  |
| 4) The early version of a cell phone was 103 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?                   | 4. <u>90.64</u>  |
| 5) A loan company charged 22 percent interest on every dollar borrowed. If a person borrowed 144 dollars, how much would they end up paying total?                 | 5. <u>175.68</u> |
| 6) Nancy ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 37 percent off the price. How much did she end up paying?    | 6. <u>14.49</u>  |
| 7) The bill at an electronics store was \$57 before tax. Tax is 7 percent. What is the total price with tax?   | 7. <u>60.99</u>  |
| 8) An old cell phone battery would last for 17 hours. The new battery lasts 5 percent longer. How long will the new battery last?                                  | 8. <u>17.85</u>  |
| 9) A store was selling lawn mowers for \$73. The repair agreement is 9 percent of the price of the mower. How much would it cost for a mower and repair agreement? | 9. <u>79.57</u>  |
| 10) A video game was \$39. This weekend the game will be marked 11 percent off. How much is the game this weekend?   | 10. <u>34.71</u> |

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

79.57	14.49	60.99	37.95	17.85
29.88	34.71	175.68	29.88	90.64

- 1) A furniture store had a chair that cost \$36. After a few months the owner took 17 percent off the price. How much is the chair now?
- 2) A restaurant bill was \$33 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?
- 3) Tiffany's hair was 36 centimeters long. Over summer though she cut off 17 percent. How long was her hair after the haircut?
- 4) The early version of a cell phone was 103 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?
- 5) A loan company charged 22 percent interest on every dollar borrowed. If a person borrowed 144 dollars, how much would they end up paying total?
- 6) Nancy ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 37 percent off the price. How much did she end up paying?
- 7) The bill at an electronics store was \$57 before tax. Tax is 7 percent. What is the total price with tax?
- 8) An old cell phone battery would last for 17 hours. The new battery lasts 5 percent longer. How long will the new battery last?
- 9) A store was selling lawn mowers for \$73. The repair agreement is 9 percent of the price of the mower. How much would it cost for a mower and repair agreement?
- 10) A video game was \$39. This weekend the game will be marked 11 percent off. How much is the game this weekend?

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