



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

Answers

- 1) A video game was \$41. This weekend the game will be marked 8 percent off. How much is the game this weekend?

- 2) The early version of a cell phone was 140 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version?

- 3) Tiffany's hair was 35 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut?

- 4) A restaurant bill was \$33 after tax. If you wanted to leave a 13% tip, how much should you leave total?

- 5) A loan company charged 47% interest on every dollar borrowed. If a person borrowed 122 dollars, how much would they end up paying total?

- 6) A small bag of flour weighed 24 ounces. A large bag was 16% heavier. How much does the large bag weigh?

- 7) Cody created a video that was originally 51 minutes long, but he ended up cutting it by 17 percent. How long was his video after he cut it?

- 8) An old cell phone battery would last for 19 hours. The new battery lasts 28% longer. How long will the new battery last?

- 9) A large candy bar was 116 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have?

- 10) A store was selling lawn mowers for \$67. The repair agreement is 28% of the price of the mower. How much would it cost for a mower and repair agreement?

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



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

- 1) A video game was \$41. This weekend the game will be marked 8 percent off. How much is the game this weekend?
- 2) The early version of a cell phone was 140 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version?
- 3) Tiffany's hair was 35 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut?
- 4) A restaurant bill was \$33 after tax. If you wanted to leave a 13% tip, how much should you leave total?
- 5) A loan company charged 47% interest on every dollar borrowed. If a person borrowed 122 dollars, how much would they end up paying total?
- 6) A small bag of flour weighed 24 ounces. A large bag was 16% heavier. How much does the large bag weigh?
- 7) Cody created a video that was originally 51 minutes long, but he ended up cutting it by 17 percent. How long was his video after he cut it?
- 8) An old cell phone battery would last for 19 hours. The new battery lasts 28% longer. How long will the new battery last?
- 9) A large candy bar was 116 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have?
- 10) A store was selling lawn mowers for \$67. The repair agreement is 28% of the price of the mower. How much would it cost for a mower and repair agreement?

Answers

1. **37.72**
2. **126.00**
3. **31.85**
4. **37.29**
5. **179.34**
6. **27.84**
7. **42.33**
8. **24.32**
9. **75.40**
10. **85.76**



Adding & Subtracting Percents of Quantity

Name: _____

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

24.32

42.33

27.84

126.00

85.76

75.40

31.85

37.29

37.72

179.34

Answers

- 1) A video game was \$41. This weekend the game will be marked 8 percent off. How much is the game this weekend?
- 2) The early version of a cell phone was 140 millimeters thick. The current version is about 10 percent thinner. How thick is the newer version?
- 3) Tiffany's hair was 35 centimeters long. Over summer though she cut off 9 percent. How long was her hair after the haircut?
- 4) A restaurant bill was \$33 after tax. If you wanted to leave a 13% tip, how much should you leave total?
- 5) A loan company charged 47% interest on every dollar borrowed. If a person borrowed 122 dollars, how much would they end up paying total?
- 6) A small bag of flour weighed 24 ounces. A large bag was 16% heavier. How much does the large bag weigh?
- 7) Cody created a video that was originally 51 minutes long, but he ended up cutting it by 17 percent. How long was his video after he cut it?
- 8) An old cell phone battery would last for 19 hours. The new battery lasts 28% longer. How long will the new battery last?
- 9) A large candy bar was 116 calories. The smaller candy bar has 35 percent less calories. How many calories does the smaller candy bar have?
- 10) A store was selling lawn mowers for \$67. The repair agreement is 28% of the price of the mower. How much would it cost for a mower and repair agreement?

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