Adding & Subtracting Percents of Quantity

Name: _____

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

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?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

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?

1. **10.17**

2. **27.56**

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. **32.76**

4. **22.36**

3) A restaurant bill was $28 after tax. If you wanted to leave a 17 percent tip, how much should you leave total?

5. **49.20**

6. **232.50**

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?

7. **24.80**

8. **84.53**

5) A plant was 41 centimeters tall. After a month it had grown 20 percent taller. How tall was the plant after a month?

9. **29.90**

10. **32.80**

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?

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49.20	24.80	27.56	32.80	32.76
232.50	84.53	10.17	22.36	29.90

1. _____

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