Solve each problem.

1) In February Roger spent 30 hours watching Netflix. In March he only spent 22.8 hours watching. What was the percent decrease in the amount of time he spent watching?

2) In February Lana got a puppy that weighed 13 kilograms. By October the puppy weighed 17.16 kilograms. What was the percent the puppy's weight increased?

3) A small fruit smoothie is 18 ounces while a large fruit smoothie is 21.96 ounces. The large fruit smoothie is ____% larger.

4) Last month John spent $75.00 dollars on games. This month he only spent $63.00. He spent ____ percent less this month.

5) A store sold $14.00 dollars worth of gift cards in October. The next month the goal was to sell $15.96 worth of gift cards. This is an increase of ____ percent.

6) Tiffany used to live 15 kilometers away from the school, but after she moved she now lives 9.9 kilometers away. She is ____ percent closer to the school.

7) A library normally collected $42.00 in fees a month. But in March they collected $60.48. What is the percent increase in the number of fees collected in March?

8) A game normally cost $53.00, but Isabel used a coupon and got the game for $37.10. The coupon was for ____ percent off.

9) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 16.12 ounces instead. He should advertise the cookies as having ____ percent more chocolate.

10) Last year's phone model had a battery that lasted 15 hours. This year the battery only lasted for 7.5 hours. What was the percent the battery life decreased?
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