Solve each problem.

1) In the spring the average score for a division worksheet was 55. But back in the fall the average score was 49.5. The fall score was _____% lower than the spring score.

2) A small fruit smoothie is 24 ounces while a large fruit smoothie is 36 ounces. The large fruit smoothie is _____% larger.

3) A store sold 14.00 dollars worth of gift cards in October. The next month the goal was to sell $18.48 worth of gift cards. This is an increase of _____ percent.

4) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 7.8 hours. What was the percent the battery life decreased?

5) In February Jerry spent 40 hours watching Netflix. In March he only spent 22.4 hours watching. What was the percent decrease in the amount of time he spent watching?

6) Sam spent 30 minutes on his math homework and 40.8 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.

7) The price for internet on a phone was $8.00 a month, but starting in November the price will be $11.04 a month. This is a _____% increase.

8) Isabel bought a computer for $283.50. Will bought one for $315.00. Isabel's computer was _____ percent cheaper.

9) Rachel's family decided to get rid of their cable TV. Originally they were paying $145.00 for the TV, internet and phone, but now they're paying $98.60. What was the percent the bill decreased by?

10) A pole was supposed to be 14 meters long, but it was accidentally made 18.48 meters long. The pole is _____ percent longer than it needs to be.
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