1) Roger spent 22 minutes on his math homework and 25.08 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.

2) It used to take Lana 7 minutes to do 20 multiplication problems. Now she can do the same page in 7.7 minutes. She is now _____ percent faster.

3) A library normally collected $54.00 in fees a month. But in March they collected $79.92. What is the percent increase in the number of fees collected in March?

4) A game normally cost $57.00, but Janet used a coupon and got the game for $49.02. The coupon was for ____ percent off.

5) A pole was supposed to be 13 meters long, but it was accidentally made 17.68 meters long. The pole is _____ percent longer than it needs to be.

6) A store sold 14.00 dollars worth of gift cards in October. The next month the goal was to sell $18.20 worth of gift cards. This is an increase of _____ percent.

7) The price for internet on a phone was $7.00 a month, but starting in November the price will be $7.84 a month. This is a _____% increase.

8) Last year a fishing license cost $60.00. This year the license will cost $38.40. This is a ____ percent decrease.

9) In the spring the average score for a division worksheet was 88. But back in the fall the average score was 66.88. The fall score was _____% lower than the spring score.

10) Last years phone model had a battery that lasted 12 hours. This year the battery only last for 8.16 hours. What was the percent the battery life decreased?
Solve each problem.

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