

**Solve each problem.****Answers**

- 1) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 11.2 hours. What was the percent the battery life decreased?
- 2) A library normally collected \$32 in fees a month. But in March they collected \$45.44. What is the percent increase in the number of fees collected in March?
- 3) At a restaurant the bill came to \$53. If you leave \$75.26, what percent tip is that?
- 4) Normally a game costs \$39. But the new special edition version is going to be \$42.9. This is an increase of _____ percent.
- 5) The price for internet on a phone was \$5 a month, but starting in November the price will be \$7.2 a month. This is a _____% increase.
- 6) Last month Paul spent 91 dollars on games. This month he only spent \$76.44. He spent _____ percent less this month.
- 7) Roger spent 29 minutes on his math homework and 40.02 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.
- 8) Last year a fishing license cost \$51. This year the license will cost \$44.88. This is a _____ percent decrease.
- 9) In the spring the average score for a division worksheet was 86. But back in the fall the average score was 65.36. The fall score was _____% lower than the spring score.
- 10) In February Cody spent 42 hours watching Netflix. In March he only spent 25.2 hours watching. What was the percent decrease in the amount of time he spent watching?

1. _____
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1. **20**
2. **42**
3. **42**
4. **10**
5. **44**
6. **16**
7. **38**
8. **12**
9. **24**
10. **40**



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38	40	44	42	12
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