

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

- 1) In February Frank spent 38 hours watching Netflix. In March he only spent 26.6 hours watching. What was the percent decrease in the amount of time he spent watching?
- 2) Katie used to live 13 kilometers away from the school, but after she moved she now lives 11.7 kilometers away. She is _____ percent closer to the school.
- 3) In February Vanessa got a puppy that weighed 14 kilograms. By October the puppy weighed 20.16 kilograms. What was the percent the puppy's weight increased?
- 4) At a restaurant the bill came to \$98. If you leave \$137.2, what percent tip is that?
- 5) Last year a fishing license cost \$52. This year the license will cost \$42.64. This is a _____ percent decrease.
- 6) Luke used to have \$415 in the bank but after a year the amount increased to \$456.5. This was an increase of _____%.
- 7) A pole was supposed to be 12 meters long, but it was accidentally made 18 meters long. The pole is _____ percent longer than it needs to be.
- 8) Gwen bought a computer for \$279.04. Sam bought one for \$436. Gwen's computer was _____ percent cheaper.
- 9) A large soda is 207 calories and a small soda is 140.76 calories. The small soda has _____ percent fewer calories.
- 10) A library normally collected \$48 in fees a month. But in March they collected \$71.04. What is the percent increase in the number of fees collected in March?

1. _____
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1. **30**
2. **10**
3. **44**
4. **40**
5. **18**
6. **10**
7. **50**
8. **36**
9. **32**
10. **48**



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