Examining Percent Increase and Decrease

Name: _____

Answers

1) Carol's family decided to get rid of their cable TV. Originally they were paying $132.00 for the TV, internet and phone, but now they're paying $89.76. What was the percent the bill decreased by?

2) It used to take Gwen 6 minutes to do 20 multiplication problems. Now she can do the same page in 6.96 minutes. She is now _____ percent faster.

3) Nancy used to live 15 kilometers away from the school, but after she moved she now lives 9.6 kilometers away. She is _____ percent closer to the school.

4) At a restaurant the bill came to $79.00. If you leave $102.70, what percent tip is that?

5) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 12.6 hours. What was the percent the battery life decreased?

6) Paul spent 30 minutes on his math homework and 34.8 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.

7) Janet bought a computer for $180.42. Victor bought one for $291.00. Janet's computer was _____ percent cheaper.

8) A store sold 12 dollars worth of gift cards in October. The next month the goal was to sell $17.04 worth of gift cards. This is an increase of _____ percent.

9) In February Tom 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?

10) A library normally collected $43.00 in fees a month. But in March they collected $47.30. What is the percent increase in the number of fees collected in March?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Solve each problem.

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1. **32**
2. **16**
3. **36**
4. **30**
5. **10**
6. **16**
7. **38**
8. **42**
9. **24**
10. **10**

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Name:

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Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____