Examining Percent Increase and Decrease

Name:

Solve each problem.

1) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 10.92 hours. What was the percent the battery life decreased?

1. _____

2. _____

2) Last month Dave spent 97.00 dollars on games. This month he only spent $71.78. He spent _____ percent less this month.

3. _____

4. _____

3) A large soda is 266 calories and a small soda is 133 calories. The small soda has _____ percent fewer calories.

5. _____

6. _____

4) A small fruit smoothie is 13 ounces while a large fruit smoothie is 16.38 ounces. The large fruit smoothie is _____% larger.

7. _____

8. _____

5) The price for internet on a phone was $10.00 a month, but starting in November the price will be $13.00 a month. This is a _____% increase.

9. _____

10. _____

6) Faye's family decided to get rid of their cable TV. Originally they were paying $79.00 for the TV, internet and phone, but now they're paying $52.14. What was the percent the bill decreased by?

7) Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 15.6 ounces instead. He should advertise the cookies as having _____ percent more chocolate.

8) A store normally averaged 113 customers a day. But on the weekends they averaged 74.58 customers a day. What is the percent decrease in the number of customers?

9) Last year a fishing license cost $55.00. This year the license will cost $48.40. This is a _____ percent decrease.

10) A game normally cost $54.00, but Emily used a coupon and got the game for $39.96. The coupon was for _____ percent off.

Solve each problem.

1) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 10.92 hours. What was the percent the battery life decreased?

1. **22**

2. **26**

2) Last month Dave spent 97.00 dollars on games. This month he only spent $71.78. He spent _____ percent less this month.

3. **50**

4. **26**

3) A large soda is 266 calories and a small soda is 133 calories. The small soda has ____ percent fewer calories.

5. **30**

6. **34**

4) A small fruit smoothie is 13 ounces while a large fruit smoothie is 16.38 ounces. The large fruit smoothie is _____% larger.

7. **30**

8. **34**

5) The price for internet on a phone was $10.00 a month, but starting in November the price will be $13.00 a month. This is a _____% increase.

9. **12**

10. **26**

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Solve each problem.

26	30	50	22	34
12	34	26	30	26

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