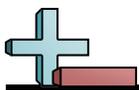**Solve each problem.**

1) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 7.5 hours. What was the percent the battery life decreased?

2) Lana bought a computer for $149.58. Luke bought one for $277.00. Lana's computer was _____ percent cheaper.

3) It used to take Sarah 8 minutes to do 20 multiplication problems. Now she can do the same page in 10.72 minutes. She is now _____ percent faster.

4) At a restaurant the bill came to $87.00. If you leave $109.62, what percent tip is that?

5) Jerry used to have $459.00 in the bank but after a year the amount increased to $596.70. This was an increase of _____%.

6) A library normally collected $54.00 in fees a month. But in March they collected $69.12. What is the percent increase in the number of fees collected in March?

7) The price for internet on a phone was $10.00 a month, but starting in November the price will be $13.20 a month. This is a _____% increase.

8) Will spent 28 minutes on his math homework and 31.36 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.

9) In February Cody spent 48 hours watching Netflix. In March he only spent 31.68 hours watching. What was the percent decrease in the amount of time he spent watching?

10) A large soda is 255 calories and a small soda is 158.1 calories. The small soda has ____ percent fewer calories.

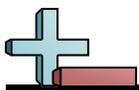1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Solve each problem.

Answers

1) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 7.5 hours. What was the percent the battery life decreased?

1. _____**50**_____

2. _____**46**_____

2) Lana bought a computer for $149.58. Luke bought one for $277.00. Lana's computer was _____ percent cheaper.

3. _____**34**_____

4. _____**26**_____

3) It used to take Sarah 8 minutes to do 20 multiplication problems. Now she can do the same page in 10.72 minutes. She is now _____ percent faster.

5. _____**30**_____

6. _____**28**_____

4) At a restaurant the bill came to $87.00. If you leave $109.62, what percent tip is that?

7. _____**32**_____

8. _____**12**_____

5) Jerry used to have $459.00 in the bank but after a year the amount increased to $596.70. This was an increase of _____%.

9. _____**34**_____

10. _____**38**_____

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Examining Percent Increase and Decrease

Name:

Solve each problem.

34	32	38	50	12
46	34	28	26	30

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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Math

Modified
www.CommonCoreSheets.com

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1-10	90	80	70	60	50	40	30	20	10	0