Examining Percent Increase and Decrease

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Solv		<u>Answers</u>	
1)	Last years phone model had a battery that lasted 15 hours. This year the battery only last for 11.4 hours. What was the percent the battery life decreased?	1.	
		2.	
2)	A large soda is 209 calories and a small soda is 158.84 calories. The small soda has percent fewer calories.	3.	
		4.	
3)	Janet's family decided to get rid of their cable TV. Originally they were paying \$80 for the TV, internet and phone, but now they're paying \$65.6. What was the percent the bill	5.	
	decreased by?	6.	
4)	A small fruit smoothie is 24 ounces while a large fruit smoothie is 33.6 ounces. The large fruit smoothie is% larger.	7.	
		8.	
5)	A store normally averaged 164 customers a day. But on the weekends they averaged 85.28 customers a day. What is the percent decrease in the number of customers?	9.	
		10.	
6)	Haley bought a computer for \$205.26. Kaleb bought one for \$311. Haley's computer was percent cheaper.	10.	
7)	A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$19.32 worth of gift cards. This is an increase of percent.		
8)	Edward used to have \$432 in the bank but after a year the amount increased to \$613.44. This was an increase of%.		
9)	In February Will spent 40 hours watching Netflix. In March he only spent 28 hours watching. What was the percent decrease in the amount of time he spent watching?		
10)	The price for internet on a phone was \$9 a month, but starting in November the price will be \$12.24 a month. This is a% increase.		

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Solv	Examining Percent Increase and Decrease Name: A e each problem.	nswer Key Answers
	Last years phone model had a battery that lasted 15 hours. This year the battery only last for 11.4 hours. What was the percent the battery life decreased?	1. <u>24</u>
2)	A large soda is 209 calories and a small soda is 158.84 calories. The small soda has percent fewer calories.	2. 24 3. 18
3)	Janet's family decided to get rid of their cable TV. Originally they were paying \$80 for the TV, internet and phone, but now they're paying \$65.6. What was the percent the bill decreased by?	4. <u>40</u> 5. <u>48</u>
4)	A small fruit smoothie is 24 ounces while a large fruit smoothie is 33.6 ounces. The large fruit smoothie is% larger.	6. 34 7. 38
5)	A store normally averaged 164 customers a day. But on the weekends they averaged 85.28 customers a day. What is the percent decrease in the number of customers?	8. 42 9. 30
6)	Haley bought a computer for \$205.26. Kaleb bought one for \$311. Haley's computer was percent cheaper.	10. <u>36</u>
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Math

		Examining Pe	rcent Increase a	and Decrease	Name:		
Solv	e each problem						Answers
\square	40	24	24	36	38		
	42	48	30	18	34	1.	
1)	• •	ne model had a batt What was the perc	•	hours. This year the decreased?	e battery only last	2	
2)	A large soda is percent fewer of		small soda is 158	8.84 calories. The sn	nall soda has	4.	
3)	•	U		Originally they were 5.6. What was the pe	e paying \$80 for the ercent the bill	5 6	
4)		moothie is 24 ounce is% larger.	es while a large fr	uit smoothie is 33.6	ounces. The large	7 8	
5)			-	ut on the weekends t e number of custom	they averaged 85.28 hers?	9 10	
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10)	-	nternet on a phone yonth. This is a		out starting in Nover	mber the price will		

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