	Examining Percent Increase and Decrease Name:		
Solv	e each problem.		Answers
1)	A pole was supposed to be 10 meters long, but it was accidentally made 14.4 meters long. The pole is percent longer than it needs to be.	1	
2)	Normally a chef uses 10 ounces of chocolate to make chocolate chip cookies. But he started using 12.8 ounces instead. He should advertise the cookies as having percent more chocolate.	2. 3.	
3)	A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$17.1 worth of gift cards. This is an increase of percent.	4. 5.	
4)	Last years phone model had a battery that lasted 15 hours. This year the battery only last for 9.6 hours. What was the percent the battery life decreased?	6 7	
5)	Last month Dave spent 55 dollars on games. This month he only spent \$31.9. He spent percent less this month.	8 9	
6)	Isabel bought a computer for \$135.78. Cody bought one for \$219. Isabel's computer was percent cheaper.	10.	
7)	The price for internet on a phone was \$10 a month, but starting in November the price will be \$12.8 a month. This is a% increase.		
8)	A small fruit smoothie is 30 ounces while a large fruit smoothie is 36.6 ounces. The large fruit smoothie is% larger.		
9)	A game normally cost \$51, but Katie used a coupon and got the game for \$33.66. The coupon was for percent off.		
10)	In February Jerry spent 36 hours watching Netflix. In March he only spent 25.2 hours watching. What was the percent decrease in the amount of time he spent watching?		

	Examining Percent Increase and Decrease Name: An	SWA	or Kev
Solv		Answers	
1)	A pole was supposed to be 10 meters long, but it was accidentally made 14.4 meters long. The pole is percent longer than it needs to be.	1	44
		2.	28
2)	Normally a chef uses 10 ounces of chocolate to make chocolate chip cookies. But he started using 12.8 ounces instead. He should advertise the cookies as having percent more chocolate	3.	14
		4.	36
3)	A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$17.1 worth of gift cards. This is an increase of percent.	5.	42
		6.	38
4)	Last years phone model had a battery that lasted 15 hours. This year the battery only last for 9.6 hours. What was the percent the battery life decreased?	7.	28
		8.	22
5)	Last month Dave spent 55 dollars on games. This month he only spent \$31.9. He spent percent less this month.	9.	34
		10.	30
6)	Isabel bought a computer for \$135.78. Cody bought one for \$219. Isabel's computer was percent cheaper.		
7)	The price for internet on a phone was \$10 a month, but starting in November the price will be \$12.8 a month. This is a% increase.		
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Solve each problem											
	14	38	12	28	34						
	28	30	42	28 44	36	∭ 1					
1)	A pole was supp The pole is	posed to be 10 me percent longer	ters long, but it wa than it needs to be	is accidentally mad	e 14.4 meters long.	2.					
2)	Normally a cher started using 12 more chocolate.	f uses 10 ounces o .8 ounces instead.	f chocolate to mak He should adverti	te chocolate chip co se the cookies as h	ookies. But he aving percent	3 4					
3)	A store sold 15 \$17.1 worth of	dollars worth of g gift cards. This is a	ift cards in Octobe an increase of	er. The next month percent.	the goal was to sell	6.					
4)	Last years phon for 9.6 hours. W	e model had a bat hat was the perce	tery that lasted 15 nt the battery life o	hours. This year th decreased?	e battery only last	7 8					
5)	Last month Day	e spent 55 dollars ess this month.	on games. This m	onth he only spent	\$31.9. He spent	9. 10.					
6)	Isabel bought a percent c	computer for \$13: heaper.	5.78. Cody bought	one for \$219. Isab	el's computer was						
7)	The price for in be \$12.8 a mont	ternet on a phone h. This is a	was \$10 a month, % increase.	but starting in Nov	ember the price will						
8)	A small fruit sm fruit smoothie is	noothie is 30 ounce s% larger.	es while a large fru	uit smoothie is 36.6	ounces. The large						
9)	A game normal coupon was for	ly cost \$51, but Ka percent off.	atie used a coupon	and got the game	for \$33.66. The						
10)	In February Jerr watching. What	y spent 36 hours was the percent d	watching Netflix. I ecrease in the amo	In March he only spount of time he spen	pent 25.2 hours nt watching?						