	Examining Percent Increase and Decrease Name:	
Solv	Answers	
1)	A library normally collected \$42 in fees a month. But in March they collected \$63. What is the percent increase in the number of fees collected in March?	1
2)	Gwen used to live 10 kilometers away from the school, but after she moved she now lives 6 kilometers away. She is percent closer to the school.	2 3
3)	The price for internet on a phone was \$9 a month, but starting in November the price will be \$10.26 a month. This is a% increase.	4 5
4)	A pole was supposed to be 15 meters long, but it was accidentally made 17.1 meters long. The pole is percent longer than it needs to be.	6 7
5)	In February Haley got a puppy that weighed 13 kilograms. By October the puppy weighed 14.56 kilograms. What was the percent the puppy's weight increased?	8 9
6)	In the spring the average score for a division worksheet was 69. But back in the fall the average score was 53.82. The fall score was% lower than the spring score.	10
7)	A game normally cost \$54, but Robin used a coupon and got the game for \$46.44. The coupon was for percent off.	
8)	Ned used to have \$477 in the bank but after a year the amount increased to \$648.72. This was an increase of%.	
9)	A large soda is 290 calories and a small soda is 208.8 calories. The small soda has percent fewer calories.	
10)	Normally a chef uses 14 ounces of chocolate to make chocolate chip cookies. But he started using 19.88 ounces instead. He should advertise the cookies as having percent more chocolate.	

Math

	Examining Percent Increase and Decrease Name: A	nswer Kev
Solv	e each problem.	Answers
1)	A library normally collected \$42 in fees a month. But in March they collected \$63. What is the percent increase in the number of fees collected in March?	1. 50
2)	Gwen used to live 10 kilometers away from the school, but after she moved she now lives	2. <u>40</u>
	6 kilometers away. She is percent closer to the school.	4. <u>14</u>
3)	The price for internet on a phone was \$9 a month, but starting in November the price will be \$10.26 a month. This is a% increase.	5. 12
4)	A pole was supposed to be 15 meters long, but it was accidentally made 17.1 meters long.	6. <u>22</u>
	The pole is percent longer than it needs to be.	8. <u>36</u>
5)	In February Haley got a puppy that weighed 13 kilograms. By October the puppy weighed 14.56 kilograms. What was the percent the puppy's weight increased?	9. 28
6)	In the spring the average score for a division worksheet was 69. But back in the fall the average score was 53.82. The fall score was% lower than the spring score.	10. <u>42</u>
7)	A game normally cost \$54, but Robin used a coupon and got the game for \$46.44. The coupon was for percent off.	
8)	Ned used to have \$477 in the bank but after a year the amount increased to \$648.72. This was an increase of%.	
9)	A large soda is 290 calories and a small soda is 208.8 calories. The small soda has percent fewer calories.	
10)	Normally a chef uses 14 ounces of chocolate to make chocolate chip cookies. But he started using 19.88 ounces instead. He should advertise the cookies as having percent more chocolate.	

		Examining Pe	ercent Increase a	nd Decrease	Name:		
Solv	e each problem.						Answers
\square	14	12	22	28	50		
	36	14	40	42	14	1.	
1)	A library normative is the percent in	ally collected \$42 acrease in the num	in fees a month. Bu ber of fees collecte	ut in March they co ed in March?	ollected \$63. What	2	
2)	Gwen used to li 6 kilometers aw	ve 10 kilometers a ay. She is]	away from the scho percent closer to th	ool, but after she m e school.	oved she now lives	3 4	
3)	The price for in be \$10.26 a mo	ternet on a phone nth. This is a	was \$9 a month, bu _% increase.	ut starting in Nove	mber the price will	^{5.} –	
4)	A pole was sup The pole is	posed to be 15 me percent longer	ters long, but it wa than it needs to be.	s accidentally mad	e 17.1 meters long.	7. – 8. –	
5)	In February Hal 14.56 kilograms	ley got a puppy th s. What was the pe	at weighed 13 kilog ercent the puppy's v	grams. By October weight increased?	the puppy weighed	9 10	
6)	In the spring the average score w	e average score fo /as 53.82. The fall	r a division worksh score was%	neet was 69. But ba	ck in the fall the ring score.		
7)	A game normal coupon was for	ly cost \$54, but R percent off.	obin used a coupon	and got the game	for \$46.44. The		
8)	Ned used to hav was an increase	ve \$477 in the ban of%.	k but after a year th	ne amount increase	d to \$648.72. This		
9)	A large soda is percent fewer c	290 calories and a alories.	small soda is 208.	8 calories. The sma	all soda has		
10)	Normally a che started using 19 percent more ch	f uses 14 ounces o 8.88 ounces instead nocolate.	of chocolate to mak d. He should advert	e chocolate chip co tise the cookies as	ookies. But he having		