Examir	ning	Percent	Increase	and	Decrease	
	0					

	Examining Percent Increase and Decrease Name:	
Solv	e each problem.	Answers
1)	A pole was supposed to be 14 meters long, but it was accidentally made 21 meters long. The pole is percent longer than it needs to be.	1
2)	Sam spent 24 minutes on his math homework and 35.04 minutes on his spelling	2
	homework. He spent percent more time on his spelling homework.	3
3)	A store normally averaged 135 customers a day. But on the weekends they averaged 91.8 customers a day. What is the percent decrease in the number of customers?	5
4)	A game normally cost \$55, but Katie used a coupon and got the game for \$33. The coupon was for percent off.	6. 7.
5)	At a restaurant the bill came to \$55. If you leave \$70.4, what percent tip is that?	8 9
6)	Nancy's family decided to get rid of their cable TV. Originally they were paying \$76 for the TV, internet and phone, but now they're paying \$44.08. What was the percent the bill decreased by?	10
7)	A large soda is 242 calories and a small soda is 183.92 calories. The small soda has percent fewer calories.	
8)	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.	
9)	In February Isabel got a puppy that weighed 12 kilograms. By October the puppy weighed 16.32 kilograms. What was the percent the puppy's weight increased?	
10)	In the spring the average score for a division worksheet was 86. But back in the fall the average score was 56.76. The fall score was% lower than the spring score.	

Math

	Examining Demonst Increases and Decreases		w Kow
Solv	e each problem.		Answers
1)	A pole was supposed to be 14 meters long, but it was accidentally made 21 meters long. The pole is percent longer than it needs to be.	1.	50
2)	Sam spent 24 minutes on his math homework and 35.04 minutes on his spelling	2.	46
	homework. He spent percent more time on his spelling homework.		32 40
3)	A store normally averaged 135 customers a day. But on the weekends they averaged 91.8 customers a day. What is the percent decrease in the number of customers?	5. <u>-</u>	28
4)	A game normally cost \$55, but Katie used a coupon and got the game for \$33. The coupon was for percent off.	6. 7.	42 24
5)	At a restaurant the hill same to $$55$. If you loove $$70.4$, what percent tip is that?	8.	38
5)	At a restaurant the bill came to \$55. If you leave \$70.4, what percent up is that?	9.	<u>36</u> 34
6)	Nancy's family decided to get rid of their cable TV. Originally they were paying \$76 for the TV, internet and phone, but now they're paying \$44.08. What was the percent the bill decreased by?	10.	
7)	A large soda is 242 calories and a small soda is 183.92 calories. The small soda has percent fewer calories.		
8)	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.		
9)	In February Isabel got a puppy that weighed 12 kilograms. By October the puppy weighed 16.32 kilograms. What was the percent the puppy's weight increased?		
10)	In the spring the average score for a division worksheet was 86. But back in the fall the average score was 56.76. The fall score was% lower than the spring score.		

Math

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		Examining Pe	rcent Increase	and Decrease	Name:		
Solv	e each problem						Answers
\frown	36	24	42	50	38		<u></u>
	46	34	32	40	28	1.	
1)	A pole was sup The pole is	posed to be 14 met	ers long, but it w han it needs to be	as accidentally mad	e 21 meters long.	2.	
2)	Sam spent 24 n homework. He	ninutes on his math spent percer	homework and 3 at more time on h	35.04 minutes on his is spelling homewo	s spelling rk.	^{3.} -	
3)	A store normall customers a day	ly averaged 135 cu y. What is the perce	stomers a day. Bu	it on the weekends t e number of custom	they averaged 91.8 ers?	5 6	
4)	A game normal was for pe	ly cost \$55, but Ka ercent off.	tie used a coupor	n and got the game f	for \$33. The coupon	7 8	
5)	At a restaurant	the bill came to \$5	5. If you leave \$7	0.4, what percent ti	p is that?	9 10	
6)	Nancy's family the TV, internet decreased by?	decided to get rid t and phone, but no	of their cable TV w they're paying	Originally they we \$44.08. What was t	re paying \$76 for he percent the bill		
7)	A large soda is percent fewer c	242 calories and a alories.	small soda is 183	8.92 calories. The sn	nall soda has		
8)	A store sold 14 \$19.32 worth or	dollars worth of gi f gift cards. This is	ft cards in Octob an increase of	er. The next month percent.	the goal was to sell		
9)	In February Isa 16.32 kilogram	bel got a puppy tha s. What was the pe	t weighed 12 kild rcent the puppy's	ograms. By October weight increased?	the puppy weighed		
10)	In the spring the average score w	e average score for vas 56.76. The fall	a division works	heet was 86. But ba % lower than the sp	ck in the fall the ring score.		

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