Examining Percent Increase and Deci	rease	
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	Examining Percent Increase and Decrease Name:	
Solv	e each problem.	Answers
1)	It used to take Vanessa 8 minutes to do 20 multiplication problems. Now she can do the same page in 11.84 minutes. She is now percent faster.	1
2)	Last month Mike spent 86 dollars on games. This month he only spent \$58.48. He spent	2
		4
3)	Katie's family decided to get rid of their cable TV. Originally they were paying \$98 for the TV, internet and phone, but now they're paying \$76.44. What was the percent the bill decreased by?	5
4)	A game normally cost \$53, but Nancy used a coupon and got the game for \$32.86. The coupon was for percent off.	6. 7.
5)	In February Bianca got a puppy that weighed 14 kilograms. By October the puppy weighed 18.76 kilograms. What was the percent the puppy's weight increased?	8. 9.
6)	In February Dave spent 34 hours watching Netflix. In March he only spent 19.72 hours watching. What was the percent decrease in the amount of time he spent watching?	10
7)	Normally a chef uses 10 ounces of chocolate to make chocolate chip cookies. But he started using 11.2 ounces instead. He should advertise the cookies as having percent more chocolate.	
8)	In the spring the average score for a division worksheet was 76. But back in the fall the average score was 54.72. The fall score was% lower than the spring score.	
9)	A pole was supposed to be 12 meters long, but it was accidentally made 16.32 meters long. The pole is percent longer than it needs to be.	
10)	A small fruit smoothie is 14 ounces while a large fruit smoothie is 20.16 ounces. The large fruit smoothie is% larger.	

	Examining Percent Increase and Decrease Name: Ar	SWP	r Kev
Solv	e each problem.		Answers
1)	It used to take Vanessa 8 minutes to do 20 multiplication problems. Now she can do the same page in 11.84 minutes. She is now percent faster.	^{1.} _	48
2)	Last month Miles sport 86 dollars on games. This month he only sport \$59.49. He sport	2	32
2)	percent less this month.	3	22
3)	Katie's family decided to get rid of their cable TV. Originally they were paying \$98 for the TV, internet and phone, but now they're paying \$76.44. What was the percent the bill	4 5	38 34
	decreased by?	6	42
4)	A game normally cost \$53, but Nancy used a coupon and got the game for \$32.86. The coupon was for percent off.	7	12
5)	In February Bianca got a puppy that weighed 14 kilograms. By October the puppy weighed 18.76 kilograms. What was the percent the puppy's weight increased?	8	28 36
		10	44
6)	In February Dave spent 34 hours watching Netflix. In March he only spent 19.72 hours watching. What was the percent decrease in the amount of time he spent watching?		
7)	Normally a chef uses 10 ounces of chocolate to make chocolate chip cookies. But he started using 11.2 ounces instead. He should advertise the cookies as having percent more chocolate.		
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9)	A pole was supposed to be 12 meters long, but it was accidentally made 16.32 meters long. The pole is percent longer than it needs to be.		
10)	A small fruit smoothie is 14 ounces while a large fruit smoothie is 20.16 ounces. The large fruit smoothie is% larger.		

Math

		Examining Pe	ercent Increase ar	nd Decrease	Name:	
Solv	e each problen	n.				Answers
\square	28	42	36	12	22	
	48	34	44	38	32	1.
1)	It used to take same page in 1	Vanessa 8 minutes 11.84 minutes. She	to do 20 multiplica is now perce	tion problems. Nov nt faster.	v she can do the	2.
2)	Last month M percent	ike spent 86 dollars less this month.	s on games. This mo	onth he only spent \$	558.48. He spent	3 4
3)	Katie's family TV, internet and decreased by?	decided to get rid on the decided to get rid on the decided to get a set of the decide	of their cable TV. O they're paying \$76.4	riginally they were 44. What was the pe	paying \$98 for the ercent the bill	6
4)	A game norma coupon was fo	ally cost \$53, but N or percent off.	ancy used a coupon	and got the game f	For \$32.86. The	7.
5)	In February B weighed 18.76	ianca got a puppy t 5 kilograms. What v	hat weighed 14 kilo was the percent the j	grams. By October puppy's weight incr	the puppy eased?	9 10
6)	In February D watching. What	ave spent 34 hours at was the percent of	watching Netflix. In lecrease in the amou	n March he only spo unt of time he spent	ent 19.72 hours t watching?	
7)	Normally a ch started using 1 more chocolat	ef uses 10 ounces o 1.2 ounces instead e.	of chocolate to make . He should advertis	e chocolate chip coo e the cookies as ha	okies. But he ving percent	
8)	In the spring the average score	he average score fo was 54.72. The fall	r a division worksho l score was%	eet was 76. But bac lower than the spri	k in the fall the ng score.	
9)	A pole was suy The pole is	pposed to be 12 me percent longer	eters long, but it was than it needs to be.	accidentally made	16.32 meters long.	
10)	A small fruit s fruit smoothie	moothie is 14 ounc is% larger.	es while a large frui	it smoothie is 20.16	ounces. The large	
						11