	Adding & Subtracting Percents of Quantity Name:	
Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version?	1
2)	A video game was \$35. This weekend the game will be marked 14 percent off. How much is the game this weekend?	2 3
3)	A restaurant bill was \$28 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?	4 5
4)	Paul created a video that was originally 49 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?	6. 7.
5)	A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?	8 9
6)	An older TV screen was 47 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?	10
7)	At a restaurant a meal used to cost \$8, but a new owner decided to raise the price by 16 percent. How much does the meal cost now?	
8)	The bill at an electronics store was \$64 before tax. Tax is 9 percent. What is the total price with tax?	
9)	A store was selling lawn mowers for \$96. The repair agreement is 21 percent of the price of the mower. How much would it cost for a mower and repair agreement?	
10)	A furniture store had a chair that cost \$35. After a few months the owner took 14 percent off the price. How much is the chair now?	
		1

	Adding & Subtracting Percents of Quantity Name: An	swe	r Key
Solv		Answers	
1)	The early version of a cell phone was 102 millimeters thick. The current version is about 11 percent thinner. How thick is the newer version?	1	90.78
		2	30.10
2)	A video game was \$35. This weekend the game will be marked 14 percent off. How much is the game this weekend?	3	32.48
		4.	41.65
3)	A restaurant bill was \$28 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?	5.	15.82
			40.92
		6	49.82
4)	Paul created a video that was originally 49 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?	7	9.28
		8.	69.76
5)	A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?	9	116.16
			20.10
6)	An older TV screen was 47 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?	10	30.10
	by 6 percent. How while is the new 1 V sereen.		
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Math

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Solv		Answers					
\square	69.76	41.65	30.10	90.78	9.28		
	32.48	30.10	116.16	15.82	49.82	1.	
1)	-	ion of a cell phone nner. How thick is t	was 102 millimeter he newer version?	s thick. The current	t version is about	2 3.	
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3)	A restaurant b should you lea		x. If you wanted to l	eave a 16 percent t	ip, how much	6	
4)		video that was orig long was his video	inally 49 minutes logater he cut it?	ong, but he ended u	p cutting it by 15	7 8	
5)	A plant was 14 the plant after		After a month it had	grown 13 percent t	aller. How tall was	9	
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7)		t a meal used to cos much does the mea	tt \$8, but a new owr l cost now?	her decided to raise	the price by 16		
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9)			for \$96. The repair it cost for a mower a				
10)		bre had a chair that How much is the ch	cost \$35. After a fev air now?	w months the owne	r took 14 percent		

Math