	Adding & Subtracting Percents of Quantity Name:	
Solv	Answers	
1)	A furniture store had a chair that cost \$35. After a few months the owner took 12 percent off the price. How much is the chair now?	1
2)	Sarah's hair was 32 centimeters long. Over summer though she cut off 15 percent. How long was her hair after the haircut?	2 3
3)	An old cell phone battery would last for 14 hours. The new battery lasts 28 percent longer. How long will the new battery last?	4 5
4)	Faye ordered a shirt online that cost her \$26 total. The package arrived late so the seller took 23 percent off the price. How much did she end up paying?	6 7
5)	An older TV screen was 34 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?	8 9
6)	A restaurant bill was \$34 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?	10
7)	A large candy bar was 107 calories. The smaller candy bar has 32 percent less calories. How many calories does the smaller candy bar have?	
8)	The early version of a cell phone was 106 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?	
9)	A video game was \$34. This weekend the game will be marked 11 percent off. How much is the game this weekend?	
10)	A plant was 37 centimeters tall. After a month it had grown 8 percent taller. How tall was the plant after a month?	

	Adding & Subtracting Percents of Quantity Name: An	iswei	r Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	A furniture store had a chair that cost \$35. After a few months the owner took 12 percent off the price. How much is the chair now?	1	<u>30.80</u>
2)	Sarah's hair was 32 centimeters long. Over summer though she cut off 15 percent. How	2	27.20
,	long was her hair after the haircut?	3	<u>17.92</u> 20.02
3)	An old cell phone battery would last for 14 hours. The new battery lasts 28 percent longer. How long will the new battery last?	5.	38.42
4)	Faye ordered a shirt online that cost her \$26 total. The package arrived late so the seller	6	<u>39.10</u>
	took 23 percent off the price. How much did she end up paying?	7 8	72.76 93.28
5)	An older TV screen was 34 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?	9	30.26
6)	A restaurant bill was \$34 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?	10	39.96
7)	A large candy bar was 107 calories. The smaller candy bar has 32 percent less calories. How many calories does the smaller candy bar have?		
8)	The early version of a cell phone was 106 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?		
<b>9</b> )	A video game was \$34. This weekend the game will be marked 11 percent off. How much is the game this weekend?		
10)	A plant was 37 centimeters tall. After a month it had grown 8 percent taller. How tall was the plant after a month?		

		Adding & Subt	racting Percent	s of Quantity	Name:		
Solv	e each problem		Answers				
	30.26 27.20	38.42 72.76	20.02 93.28	17.92 39.96	30.80 39.10	1	
1)		re had a chair that c low much is the cha		ew months the owne	er took 12 percent	2	
2)		as 32 centimeters lon air after the haircut?	-	though she cut off 1	15 percent. How	3 4	
3)	-	one battery would la the new battery last		he new battery lasts	s 28 percent longer.	5 6	
4)	-	shirt online that cost t off the price. How		he package arrived d up paying?	late so the seller	7 8	
5)		creen was 34 centim How wide is the ne		newer model increas	ed the screen size	9	
6)	A restaurant bi should you leav		. If you wanted to	leave a 15 percent	tip, how much		
7)		bar was 107 calories ories does the small		ndy bar has 32 perce ??	ent less calories.		
8)	•	on of a cell phone v ner. How thick is th		ers thick. The curren	t version is about		
<b>9</b> )	A video game is the game this		end the game will	l be marked 11 perc	ent off. How much		
10)	A plant was 37 the plant after a		fter a month it had	d grown 8 percent ta	aller. How tall was		