	Adding & Subtracting Percents of Quantity Name:		
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	Faye ordered a shirt online that cost her \$27 total. The package arrived late so the seller took 24 percent off the price. How much did she end up paying?	1	
2)	The early version of a cell phone was 95 millimeters thick. The current version is about 8 percent thinner. How thick is the newer version?	2 3	
3)	The bill at an electronics store was \$99 before tax. Tax is 8 percent. What is the total price with tax?	4 5	
4)	A large candy bar was 133 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?	6. 7.	
5)	A plant was 11 centimeters tall. After a month it had grown 11 percent taller. How tall was the plant after a month?	8. 9.	
6)	Tiffany's hair was 46 centimeters long. Over summer though she cut off 11 percent. How long was her hair after the haircut?	10.	
7)	Dave created a video that was originally 50 minutes long, but he ended up cutting it by 12 percent. How long was his video after he cut it?		
8)	An old cell phone battery would last for 16 hours. The new battery lasts 27 percent longer. How long will the new battery last?		
9)	At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now?		
10)	A furniture store had a chair that cost \$46. After a few months the owner took 13 percent off the price. How much is the chair now?		

	Adding & Subtracting Percents of Quantity Name: An	ISWE	er Key
Solv		Answers	
1)	Faye ordered a shirt online that cost her \$27 total. The package arrived late so the seller took 24 percent off the price. How much did she end up paying?	1	20.52
2)	The early version of a cell phone was 95 millimeters thick. The current version is about 8	2	87.40
,	percent thinner. How thick is the newer version?	3.	106.92
3)	The bill at an electronics store was \$99 before tax. Tax is 8 percent. What is the total price with tax?	4 5	11.72
		6	40.94
4)	A large candy bar was 133 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?	7	44.00
5)	A plant was 11 centimeters tall. After a month it had grown 11 percent taller. How tall was the plant after a month?	8 9	20.32 13.68
6)	Tiffany's hair was 46 centimeters long. Over summer though she cut off 11 percent. How long was her hair after the haircut?	10	40.02
7)	Dave created a video that was originally 50 minutes long, but he ended up cutting it by 12 percent. How long was his video after he cut it?		
8)	An old cell phone battery would last for 16 hours. The new battery lasts 27 percent longer. How long will the new battery last?		
9)	At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 14 percent. How much does the meal cost now?		
10)	A furniture store had a chair that cost \$46. After a few months the owner took 13 percent off the price. How much is the chair now?		
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		Adding & Subt	racting Percent	s of Quantity	Name:		
Solv	e each problem		Answers				
$\bigcap$	106.92	12.21	40.02	44.00	111.72		
	13.68	20.52	87.40	40.94	20.32	1.	
1)	Faye ordered a took 24 percen	shirt online that co t off the price. How	st her \$27 total. T much did she end	he package arrived d up paying?	late so the seller	2	
2)	The early versi percent thinner	on of a cell phone v . How thick is the r	was 95 millimeter newer version?	s thick. The current	version is about 8	4.	
3)	The bill at an e with tax?	lectronics store was	s \$99 before tax. 7	Fax is 8 percent. WI	hat is the total price	5 6	
4)	A large candy l How many cale	bar was 133 calorie ories does the small	s. The smaller car er candy bar have	ndy bar has 16 perce ?	ent less calories.	7 8	
5)	A plant was 11 the plant after a	centimeters tall. A a month?	fter a month it had	d grown 11 percent	taller. How tall was	9. 10.	
6)	Tiffany's hair v long was her ha	vas 46 centimeters air after the haircut	long. Over summe ?	er though she cut of	f 11 percent. How		
7)	Dave created a percent. How le	video that was orig ong was his video a	ginally 50 minutes	long, but he ended	up cutting it by 12		
8)	An old cell pho How long will	one battery would la the new battery las	ast for 16 hours. T t?	he new battery last	s 27 percent longer.		
9)	At a restaurant percent. How n	a meal used to cost nuch does the meal	t \$12, but a new or cost now?	wner decided to rai	se the price by 14		
10)	A furniture stor off the price. H	re had a chair that c low much is the cha	cost \$46. After a fe air now?	ew months the own	er took 13 percent		