	Adding & Subtracting Percents of Quantity Name:		
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?	1	
2)	An older TV screen was 26 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?	2 3	
3)	A restaurant bill was \$28 after tax. If you wanted to leave a 17 percent tip, how much should you leave total?	4 5	
4)	Carol ordered a shirt online that cost her \$26 total. The package arrived late so the seller took 14 percent off the price. How much did she end up paying?	6 7	
5)	A plant was 41 centimeters tall. After a month it had grown 20 percent taller. How tall was the plant after a month?	8 9	
6)	A loan company charged 25 percent interest on every dollar borrowed. If a person borrowed 186 dollars, how much would they end up paying total?	10.	
7)	A video game was \$31. This weekend the game will be marked 20 percent off. How much is the game this weekend?		
8)	A large candy bar was 107 calories. The smaller candy bar has 21 percent less calories. How many calories does the smaller candy bar have?		
9)	A small bag of flour weighed 26 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?		
10)	Gwen's hair was 40 centimeters long. Over summer though she cut off 18 percent. How long was her hair after the haircut?		

	Adding & Subtracting Percents of Quantity Name: An	swe	er Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?	1	10.17
		2	27.56
2)	An older TV screen was 26 centimeters wide. The newer model increased the screen size by 6 percent. How wide is the new TV screen?	3	32.76
3)		4	22.36
3)	A restaurant bill was \$28 after tax. If you wanted to leave a 17 percent tip, how much should you leave total?	5.	49.20
		6.	232.50
4)	Carol ordered a shirt online that cost her \$26 total. The package arrived late so the seller took 14 percent off the price. How much did she end up paying?	7	24.80
		8.	84.53
5)	A plant was 41 centimeters tall. After a month it had grown 20 percent taller. How tall was the plant after a month?		29.90
6)	A loan company charged 25 percent interest on every dollar borrowed. If a person borrowed 186 dollars, how much would they end up paying total?	10	32.80
7)	A video game was \$31. This weekend the game will be marked 20 percent off. How much is the game this weekend?		
8)	A large candy bar was 107 calories. The smaller candy bar has 21 percent less calories. How many calories does the smaller candy bar have?		
<b>9</b> )	A small bag of flour weighed 26 ounces. A large bag was 15 percent heavier. How much does the large bag weigh?		
10)	Gwen's hair was 40 centimeters long. Over summer though she cut off 18 percent. How long was her hair after the haircut?		

Math

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		Adding & Sub	tracting Percent	ts of Ouantity	Name:		
Solv	e each problem.	. Round your ans		- •			Answers
	49.20 232.50	24.80 84.53	27.56 10.17	32.80 22.36	32.76 29.90	1.	
1)		a meal used to cos nuch does the meal		vner decided to raise	the price by 13	2	
2)		reen was 26 centir ow wide is the new		newer model increas	ed the screen size	4.	
3)	A restaurant bil should you leav		. If you wanted to	e leave a 17 percent t	ip, how much	5. – 6. –	
4)		shirt online that c off the price. How		The package arrived d up paying?	late so the seller	7 8	
5)	A plant was 41 centimeters tall. After a month it had grown 20 percent taller. How tall was the plant after a month?						
6)		y charged 25 perce lollars, how much		ry dollar borrowed. p paying total?	If a person		
7)	A video game v is the game this		kend the game wil	ll be marked 20 perc	ent off. How much		
8)		par was 107 calories does the smal		ndy bar has 21 perce e?	ent less calories.		
9)	A small bag of does the large b	-	ounces. A large ba	ng was 15 percent he	avier. How much		
10)		s 40 centimeters lo air after the haircut	-	though she cut off	18 percent. How		

	Adding & Subtracting Percents of Quantity Name:	
Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	The bill at an electronics store was \$60 before tax. Tax is 7 percent. What is the total price with tax?	1
2)	A small bag of flour weighed 10 ounces. A large bag was 6 percent heavier. How much	2
	does the large bag weigh?	3
3)	A plant was 35 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?	5
4)	A loan company charged 49 percent interest on every dollar borrowed. If a person borrowed 188 dollars, how much would they end up paying total?	6 7.
5)	The early version of a cell phone was 137 millimeters thick. The current version is about	8.
5)	20 percent thinner. How thick is the newer version?	9
6)	Victor created a video that was originally 75 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?	10.
7)	A furniture store had a chair that cost \$48. After a few months the owner took 10 percent off the price. How much is the chair now?	
8)	A video game was \$42. This weekend the game will be marked 17 percent off. How much is the game this weekend?	
<b>9</b> )	Emily's hair was 40 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?	
10)	Rachel ordered a shirt online that cost her \$20 total. The package arrived late so the seller took 40 percent off the price. How much did she end up paying?	

	Adding & Subtracting Percents of Quantity Name: An	SWE	er Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	The bill at an electronics store was \$60 before tax. Tax is 7 percent. What is the total price with tax?	1	64.20
		2	10.60
2)	A small bag of flour weighed 10 ounces. A large bag was 6 percent heavier. How much does the large bag weigh?	3.	39.55
		4.	280.12
3)	A plant was 35 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?	5.	109.60
			63.75
4)	A loan company charged 49 percent interest on every dollar borrowed. If a person borrowed 188 dollars, how much would they end up paying total?	6. 7.	43.20
		8.	34.86
5)	The early version of a cell phone was 137 millimeters thick. The current version is about 20 percent thinner. How thick is the newer version?	9.	34.40
			12.00
6)	Victor created a video that was originally 75 minutes long, but he ended up cutting it by 15 percent. How long was his video after he cut it?	10.	12.00
7)	A furniture store had a chair that cost \$48. After a few months the owner took 10 percent off the price. How much is the chair now?		
8)	A video game was \$42. This weekend the game will be marked 17 percent off. How much is the game this weekend?		
<b>9</b> )	Emily's hair was 40 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?		
10)	Rachel ordered a shirt online that cost her \$20 total. The package arrived late so the seller took 40 percent off the price. How much did she end up paying?		

		Adding & Sub	tracting Percent	ts of Quantity	Name:		
Solv	e each problem	. Round your ans	¥	- •			Answers
$\bigcap$	64.20	109.60	34.40	39.55	43.20		
	280.12	12.00	10.60	34.86	63.75	1.	
1)	The bill at an e with tax?	lectronics store wa	s \$60 before tax.	Гах is 7 percent. Wl	hat is the total price	2	
2)	A small bag of does the large l	-	ounces. A large ba	g was 6 percent hea	wier. How much	4.	
3)	A plant was 35 the plant after a		fter a month it ha	d grown 13 percent	taller. How tall was	5 6	
4)	-	y charged 49 perce dollars, how much		ry dollar borrowed. paying total?	If a person	7 8	
5)	•	on of a cell phone ner. How thick is th		ers thick. The currer	nt version is about	9	
6)		a video that was or ong was his video a		es long, but he ende	d up cutting it by 15		
7)		re had a chair that c low much is the cha		ew months the own	er took 10 percent		
8)	A video game is the game this		kend the game wil	l be marked 17 perc	cent off. How much		
<b>9</b> )	•	as 40 centimeters lo air after the haircut	-	though she cut off	14 percent. How		
10)		l a shirt online that t off the price. How		The package arrive d up paying?	ed late so the seller		

	Adding & Subtracting Percents of Quantity Name:	
<u>u</u> Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	John created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?	1
2)	Olivia ordered a shirt online that cost her \$37 total. The package arrived late so the seller took 10 percent off the price. How much did she end up paying?	2 3
3)	The early version of a cell phone was 145 millimeters thick. The current version is about 8 percent thinner. How thick is the newer version?	4.    5.
4)	A small bag of flour weighed 22 ounces. A large bag was 7 percent heavier. How much does the large bag weigh?	6.    7.
5)	A large candy bar was 140 calories. The smaller candy bar has 19 percent less calories. How many calories does the smaller candy bar have?	8 9
6)	A video game was \$47. This weekend the game will be marked 16 percent off. How much is the game this weekend?	10
7)	A plant was 39 centimeters tall. After a month it had grown 15 percent taller. How tall was the plant after a month?	
8)	A store was selling lawn mowers for \$52. The repair agreement is 16 percent of the price of the mower. How much would it cost for a mower and repair agreement?	
<b>9</b> )	A furniture store had a chair that cost \$40. After a few months the owner took 17 percent off the price. How much is the chair now?	
10)	At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 17 percent. How much does the meal cost now?	

	Adding & Subtracting Percents of Quantity Name: An	swe	r Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	John created a video that was originally 44 minutes long, but he ended up cutting it by 19 percent. How long was his video after he cut it?	1	35.64
		2	33.30
2)	Olivia ordered a shirt online that cost her \$37 total. The package arrived late so the seller took 10 percent off the price. How much did she end up paying?	3	133.40
		4	23.54
3)	The early version of a cell phone was 145 millimeters thick. The current version is about 8 percent thinner. How thick is the newer version?	5	113.40
		6	39.48
4)	A small bag of flour weighed 22 ounces. A large bag was 7 percent heavier. How much does the large bag weigh?	7	44.85
5)	A longe condy her was 140 colories. The smaller condy her has 10 rement loss colories.	8	60.32
5)	A large candy bar was 140 calories. The smaller candy bar has 19 percent less calories. How many calories does the smaller candy bar have?	9	33.20
6)	A video game was \$47. This weekend the game will be marked 16 percent off. How much is the game this weekend?	10	14.04
7)	A plant was 39 centimeters tall. After a month it had grown 15 percent taller. How tall was the plant after a month?		
8)	A store was selling lawn mowers for \$52. The repair agreement is 16 percent of the price of the mower. How much would it cost for a mower and repair agreement?		
9)	A furniture store had a chair that cost \$40. After a few months the owner took 17 percent off the price. How much is the chair now?		
10)	At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 17 percent. How much does the meal cost now?		

		Adding & Sub	tracting Percent	ts of Quantity	Name:		
Solv	e each problem	. Round your ans		- •		Answ	ers
	44.85 14.04	33.20 23.54	113.40 33.30	133.40 60.32	35.64 39.48	1	
1)		video that was orig ong was his video a	-	long, but he ended	up cutting it by 19	2	
2)		a shirt online that o t off the price. Hov		The package arrived d up paying?	d late so the seller	4 5.	
3)	•	on of a cell phone . How thick is the		ers thick. The curren	t version is about 8	6.	
4)	A small bag of does the large	-	ounces. A large ba	g was 7 percent hea	vier. How much	7.     8.	
5)	•	bar was 140 calorie ories does the smal		ndy bar has 19 perce ?	ent less calories.	9 10	
6)	A video game is the game this		kend the game wil	l be marked 16 perc	ent off. How much		
7)	A plant was 39 the plant after a		fter a month it ha	d grown 15 percent	taller. How tall was		
8)				r agreement is 16 per and repair agreeme			
9)		re had a chair that o low much is the ch		ew months the owne	er took 17 percent		
10)		a meal used to cos nuch does the meal		wner decided to rais	se the price by 17		

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	Adding & Subtracting Percents of Quantity Name:	
Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	A large candy bar was 96 calories. The smaller candy bar has 22 percent less calories. How many calories does the smaller candy bar have?	1
2)	A restaurant bill was \$43 after tax. If you wanted to leave a 13 percent tip, how much should you leave total?	2 3
3)	A video game was \$48. This weekend the game will be marked 10 percent off. How much is the game this weekend?	4 5
4)	A furniture store had a chair that cost \$42. After a few months the owner took 14 percent off the price. How much is the chair now?	6 7
5)	An old cell phone battery would last for 15 hours. The new battery lasts 17 percent longer. How long will the new battery last?	8 9
6)	Emily's hair was 40 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut?	10
7)	A plant was 22 centimeters tall. After a month it had grown 10 percent taller. How tall was the plant after a month?	
8)	Maria ordered a shirt online that cost her \$33 total. The package arrived late so the seller took 22 percent off the price. How much did she end up paying?	
<b>9</b> )	A loan company charged 31 percent interest on every dollar borrowed. If a person borrowed 106 dollars, how much would they end up paying total?	
10)	A small bag of flour weighed 28 ounces. A large bag was 9 percent heavier. How much does the large bag weigh?	

	Adding & Subtracting Percents of Quantity Name: An	SW	er Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	A large candy bar was 96 calories. The smaller candy bar has 22 percent less calories. How many calories does the smaller candy bar have?	1	74.88
2)	A restaurant bill was \$43 after tax. If you wanted to leave a 13 percent tip, how much	2.	48.59
	should you leave total?	3. 4.	<u>43.20</u> 36.12
3)	A video game was \$48. This weekend the game will be marked 10 percent off. How much is the game this weekend?	5.	17.55
		6.	34.80
4)	A furniture store had a chair that cost \$42. After a few months the owner took 14 percent off the price. How much is the chair now?	7.	24.20
		8.	25.74
5)	An old cell phone battery would last for 15 hours. The new battery lasts 17 percent longer. How long will the new battery last?	9.	138.86
6)	Emily's hair was 40 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut?	10.	30.52
7)	A plant was 22 centimeters tall. After a month it had grown 10 percent taller. How tall was the plant after a month?		
8)	Maria ordered a shirt online that cost her \$33 total. The package arrived late so the seller took 22 percent off the price. How much did she end up paying?		
<b>9</b> )	A loan company charged 31 percent interest on every dollar borrowed. If a person borrowed 106 dollars, how much would they end up paying total?		
10)	A small bag of flour weighed 28 ounces. A large bag was 9 percent heavier. How much does the large bag weigh?		

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		Adding & Sub	tracting Percent	s of Quantity	Name:	
Solv	e each problem	. Round your ans	-	- •	- (01110)	Answers
	138.86 48.59	30.52 36.12	74.88 43.20	17.55 25.74	24.20 34.80	1
1)	••••	oar was 96 calories ories does the smal		ly bar has 22 percer?	nt less calories.	2
2)	A restaurant bil should you leav		. If you wanted to	leave a 13 percent	tip, how much	3 4
3)	A video game v is the game this		kend the game will	l be marked 10 perc	cent off. How much	5.    6.
4)		re had a chair that o ow much is the ch		ew months the own	er took 14 percent	7.     8.
5)	-	one battery would l the new battery las		he new battery last	s 17 percent longer.	9 10
6)	•	as 40 centimeters lo air after the haircut	-	though she cut off	13 percent. How	
7)	A plant was 22 the plant after a		fter a month it had	l grown 10 percent	taller. How tall was	
8)		a shirt online that c t off the price. How		The package arrived d up paying?	d late so the seller	
9)	-	y charged 31 perce lollars, how much		ry dollar borrowed. paying total?	If a person	
10)	A small bag of does the large b	0	ounces. A large ba	g was 9 percent hea	avier. How much	

	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

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	Adding & Subtracting Percents of Quantity Name: An	swe	r Key
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	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
		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
		10.	30.10
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?		
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?		

		Adding & Subt	tracting Percent	s of Ouantity	Name:		
Solv	e each problen	n. Round your ans	-				Answers
$\bigcap$	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 v nner. How thick is th		rs thick. The currer	nt version is about	2 3.	
2)	A video game is the game thi		tend the game will	be marked 14 perc	cent off. How much	4. <u>-</u> 5.	
3)	A restaurant b should you lea	ill was \$28 after tax we total?	. If you wanted to	leave a 16 percent	tip, how much	6	
4)		video that was orig long was his video a	•	long, but he ended	up cutting it by 15	7 8	
5)	A plant was 14 centimeters tall. After a month it had grown 13 percent taller. How tall was the plant after a month?						
6)		creen was 47 centin How wide is the new		ewer model increas	sed the screen size		
7)		t a meal used to cost much does the meal		ner decided to raise	e the price by 16		
8)	The bill at an o with tax?	electronics store was	s \$64 before tax. T	Tax is 9 percent. W	hat is the total price		
9)		lling lawn mowers : How much would i	-		-		
10)		ore had a chair that c How much is the cha		ew months the own	er took 14 percent		

	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 109 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?	1
2)	An older TV screen was 16 centimeters wide. The newer model increased the screen size by 16 percent. How wide is the new TV screen?	2 3
3)	A video game was \$33. This weekend the game will be marked 12 percent off. How much is the game this weekend?	4 5
4)	A restaurant bill was \$31 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?	6.    7.
5)	A plant was 41 centimeters tall. After a month it had grown 7 percent taller. How tall was the plant after a month?	8 9
6)	Amy ordered a shirt online that cost her \$30 total. The package arrived late so the seller took 16 percent off the price. How much did she end up paying?	10
7)	A small bag of flour weighed 12 ounces. A large bag was 8 percent heavier. How much does the large bag weigh?	
8)	John created a video that was originally 66 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?	
<b>9</b> )	At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?	
10)	The bill at an electronics store was \$61 before tax. Tax is 5 percent. What is the total price with tax?	

	Adding & Subtracting Percents of Quantity Name: An	swe	r Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	The early version of a cell phone was 109 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?	1	88.29
		2	18.56
2)	An older TV screen was 16 centimeters wide. The newer model increased the screen size by 16 percent. How wide is the new TV screen?	3	29.04
		4	35.96
3)	A video game was \$33. This weekend the game will be marked 12 percent off. How much is the game this weekend?	5	43.87
		6.	25.20
4)	A restaurant bill was \$31 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?	7.	12.96
		8.	59.40
5)	A plant was 41 centimeters tall. After a month it had grown 7 percent taller. How tall was the plant after a month?	9	10.17
		10	64.05
6)	Amy ordered a shirt online that cost her \$30 total. The package arrived late so the seller took 16 percent off the price. How much did she end up paying?	10	
7)	A small bag of flour weighed 12 ounces. A large bag was 8 percent heavier. How much does the large bag weigh?		
8)	John created a video that was originally 66 minutes long, but he ended up cutting it by 10 percent. How long was his video after he cut it?		
9)	At a restaurant a meal used to cost \$9, but a new owner decided to raise the price by 13 percent. How much does the meal cost now?		
10)	The bill at an electronics store was \$61 before tax. Tax is 5 percent. What is the total price with tax?		

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		Adding & Sub	tracting Percent	ts of Quantity	Name:		
Solv	e each problem	. Round your ans		- •			Answers
$\square$	25.20	64.05	43.87	59.40	88.29		
	18.56	12.96	29.04	10.17	35.96	1.	
1)	•	on of a cell phone ner. How thick is th		ers thick. The currer	nt version is about	2 3.	
2)		creen was 16 centin How wide is the ne		newer model increas	sed the screen size	4.	
3)	A video game is the game this		kend the game wil	l be marked 12 perc	cent off. How much	5 6	
4)	A restaurant bi should you lea		. If you wanted to	leave a 16 percent	tip, how much	7 8	
5)	A plant was 41 the plant after a		fter a month it had	d grown 7 percent ta	aller. How tall was	9	
6)	•	shirt online that co t off the price. How		The package arrived d up paying?	late so the seller		
7)	A small bag of does the large l	-	ounces. A large ba	g was 8 percent hea	wier. How much		
8)		video that was orig ong was his video a	•	long, but he ended	up cutting it by 10		
9)		a meal used to cost nuch does the meal		vner decided to raise	e the price by 13		
10)	The bill at an e with tax?	lectronics store wa	s \$61 before tax. 7	Гах is 5 percent. Wl	nat is the total price		

	Adding & Subtracting Demonstra of Quantity N	
<u> </u>	Adding & Subtracting Percents of Quantity Name: e each problem. Round your answer to the nearest hundredth.	Answers
1)	An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?	1
2)	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?	2 3
3)	A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now?	4 5
4)	An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last?	6 7
5)	A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh?	8 9
6)	A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?	10
7)	A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total?	
8)	Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?	
9)	The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?	
10)	A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month?	

	Adding & Subtracting Percents of Quantity Name: An	iswe	r Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	An older TV screen was 49 centimeters wide. The newer model increased the screen size by 13 percent. How wide is the new TV screen?	1	55.37
		2	13.68
2)	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?	3	28.71
		4	15.40
3)	A furniture store had a chair that cost \$33. After a few months the owner took 13 percent off the price. How much is the chair now?	5	33.30
		6	42.50
4)	An old cell phone battery would last for 14 hours. The new battery lasts 10 percent longer. How long will the new battery last?	7	200.22
<b>-</b> ``		8	40.48
5)	A small bag of flour weighed 30 ounces. A large bag was 11 percent heavier. How much does the large bag weigh?		81.00
6)	A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?	<sup>10.</sup> _	33.32
7)	A loan company charged 42 percent interest on every dollar borrowed. If a person borrowed 141 dollars, how much would they end up paying total?		
8)	Amy's hair was 46 centimeters long. Over summer though she cut off 12 percent. How long was her hair after the haircut?		
<b>9</b> )	The early version of a cell phone was 100 millimeters thick. The current version is about 19 percent thinner. How thick is the newer version?		
10)	A plant was 28 centimeters tall. After a month it had grown 19 percent taller. How tall was the plant after a month?		

I

		Adding & Subt	racting Percent	ts of Quantity	Name:		
Solv	e each problem	. Round your answ		- •			Answers
$\bigcap$	40.48	13.68	33.32	15.40	42.50		
	55.37	81.00	28.71	200.22	33.30	1.	
1)		creen was 49 centin How wide is the ne		newer model increas	sed the screen size	2	
2)		a meal used to cost nuch does the meal		wner decided to rais	se the price by 14	3 4	
3)		re had a chair that c low much is the cha		ew months the own	er took 13 percent	5 6	
4)	-	one battery would la the new battery las		The new battery lasts	s 10 percent longer.	7	
5)	A small bag of does the large	-	ounces. A large ba	ng was 11 percent he	eavier. How much	<sup>9.</sup> –	
6)	A video game is the game thi		and the game wil	l be marked 15 perc	ent off. How much		
7)	-	ny charged 42 perce dollars, how much		ry dollar borrowed. p paying total?	If a person		
8)	•	s 46 centimeters lor air after the haircut	-	though she cut off 1	2 percent. How		
9)	-	on of a cell phone v ner. How thick is th		ers thick. The curren	nt version is about		
10)	A plant was 28 the plant after a		fter a month it ha	d grown 19 percent	taller. How tall was		

	Adding & Subtracting Percents of Quantity Name:	
Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	A restaurant bill was \$42 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?	1
2)	An old cell phone battery would last for 18 hours. The new battery lasts 29 percent longer. How long will the new battery last?	2 3
3)	The bill at an electronics store was \$61 before tax. Tax is 4 percent. What is the total price with tax?	4 5
4)	A video game was \$50. This weekend the game will be marked 10 percent off. How much is the game this weekend?	6.    7.
5)	A large candy bar was 117 calories. The smaller candy bar has 20 percent less calories. How many calories does the smaller candy bar have?	8 9
6)	Bianca's hair was 37 centimeters long. Over summer though she cut off 11 percent. How long was her hair after the haircut?	10
7)	A loan company charged 47 percent interest on every dollar borrowed. If a person borrowed 154 dollars, how much would they end up paying total?	
8)	An older TV screen was 17 centimeters wide. The newer model increased the screen size by 14 percent. How wide is the new TV screen?	
9)	A furniture store had a chair that cost \$46. After a few months the owner took 9 percent off the price. How much is the chair now?	
10)	A small bag of flour weighed 18 ounces. A large bag was 10 percent heavier. How much does the large bag weigh?	

	Adding & Subtracting Percents of Quantity Name: An	swe	r Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	A restaurant bill was \$42 after tax. If you wanted to leave a 16 percent tip, how much should you leave total?	1	48.72
2)	An old call phone bettery would last for 18 hours. The new bettery lasts 20 percent longer	2	23.22
2)	An old cell phone battery would last for 18 hours. The new battery lasts 29 percent longer. How long will the new battery last?	3	63.44
3)	The bill at an electronics store was \$61 before tax. Tax is 4 percent. What is the total price with tax?	4. – 5. –	45.00 93.60
4)	A video game was \$50. This weekend the game will be marked 10 percent off. How much is the game this weekend?	6	32.93 226.38
5)	A large candy bar was 117 calories. The smaller candy bar has 20 percent less calories. How many calories does the smaller candy bar have?	<sup>8.</sup> _	19.38 41.86
6)	Bianca's hair was 37 centimeters long. Over summer though she cut off 11 percent. How long was her hair after the haircut?	10	19.80
7)	A loan company charged 47 percent interest on every dollar borrowed. If a person borrowed 154 dollars, how much would they end up paying total?		
8)	An older TV screen was 17 centimeters wide. The newer model increased the screen size by 14 percent. How wide is the new TV screen?		
9)	A furniture store had a chair that cost \$46. After a few months the owner took 9 percent off the price. How much is the chair now?		
10)	A small bag of flour weighed 18 ounces. A large bag was 10 percent heavier. How much does the large bag weigh?		

		Adding & Subt	racting Percent	s of Quantity	Name:		
Solv	e each problem	. Round your answ					Answers
$\bigcap$	19.38	226.38	32.93	93.60	41.86		
	63.44	19.80	45.00	48.72	23.22	<u>  </u> 1	
1)	A restaurant bi should you leav	ll was \$42 after tax ve total?	. If you wanted to	leave a 16 percent	tip, how much	2.	
2)	-	one battery would la the new battery last		he new battery last	s 29 percent longer.	3 4	
3)	The bill at an e with tax?	lectronics store was	s \$61 before tax. 7	Γax is 4 percent. W	hat is the total price	5 6	
4)	A video game is the game this		tend the game will	l be marked 10 per	cent off. How much	7 8	
5)		bar was 117 calorie ories does the small		•	ent less calories.	9. 10.	
6)		vas 37 centimeters la air after the haircut	-	r though she cut of	f 11 percent. How		
7)	-	y charged 47 perce dollars, how much		•	If a person		
8)		creen was 17 centin How wide is the ne		ewer model increa	sed the screen size		
9)		re had a chair that c low much is the cha		ew months the own	er took 9 percent		
10)	A small bag of does the large l	flour weighed 18 o bag weigh?	ounces. A large ba	g was 10 percent h	eavier. How much		

	Adding & Subtracting Percents of Quantity Name:	
Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	An older TV screen was 37 centimeters wide. The newer model increased the screen size by 5 percent. How wide is the new TV screen?	1
2)	The bill at an electronics store was \$78 before tax. Tax is 6 percent. What is the total price with tax?	2 3
3)	A small bag of flour weighed 21 ounces. A large bag was 17 percent heavier. How much does the large bag weigh?	4 5
4)	Carol ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 15 percent off the price. How much did she end up paying?	6 7
5)	A loan company charged 20 percent interest on every dollar borrowed. If a person borrowed 100 dollars, how much would they end up paying total?	8 9
6)	A large candy bar was 140 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?	10
7)	A store was selling lawn mowers for \$78. The repair agreement is 26 percent of the price of the mower. How much would it cost for a mower and repair agreement?	
8)	A video game was \$36. This weekend the game will be marked 11 percent off. How much is the game this weekend?	
<b>9</b> )	A restaurant bill was \$27 after tax. If you wanted to leave a 9 percent tip, how much should you leave total?	
10)	The early version of a cell phone was 115 millimeters thick. The current version is about 15 percent thinner. How thick is the newer version?	

	Adding & Subtracting Percents of Quantity Name: An	swe	er Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	An older TV screen was 37 centimeters wide. The newer model increased the screen size by 5 percent. How wide is the new TV screen?	1	38.85
		2	82.68
2)	The bill at an electronics store was \$78 before tax. Tax is 6 percent. What is the total price with tax?	3	24.57
3)			19.55
	A small bag of flour weighed 21 ounces. A large bag was 17 percent heavier. How much does the large bag weigh?	5	120.00
		6	117.60
4)	Carol ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 15 percent off the price. How much did she end up paying?	7	98.28
		8	32.04
5)	A loan company charged 20 percent interest on every dollar borrowed. If a person borrowed 100 dollars, how much would they end up paying total?		29.43
		10.	97.75
6)	A large candy bar was 140 calories. The smaller candy bar has 16 percent less calories. How many calories does the smaller candy bar have?		
7)	A store was selling lawn mowers for \$78. The repair agreement is 26 percent of the price of the mower. How much would it cost for a mower and repair agreement?		
8)	A video game was \$36. This weekend the game will be marked 11 percent off. How much is the game this weekend?		
<b>9</b> )	A restaurant bill was \$27 after tax. If you wanted to leave a 9 percent tip, how much should you leave total?		
10)	The early version of a cell phone was 115 millimeters thick. The current version is about 15 percent thinner. How thick is the newer version?		

		Adding & Sub	tracting Percent	s of Quantity	Name:		
Solv	Solve each problem. Round your answer to the nearest hundredth.						Answers
$\square$	98.28	117.60	82.68	29.43	32.04		
	38.85	97.75	120.00	24.57	19.55	1	
1)		creen was 37 centin Iow wide is the new		ewer model increas	sed the screen size	2	
2)	The bill at an e with tax?	electronics store was	s \$78 before tax. T	Fax is 6 percent. W	hat is the total price	3 4	
3)	A small bag of does the large	flour weighed 21 c bag weigh?	ounces. A large bag	g was 17 percent he	eavier. How much	5 6	
4)	Carol ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 15 percent off the price. How much did she end up paying?						
5)	A loan company charged 20 percent interest on every dollar borrowed. If a person borrowed 100 dollars, how much would they end up paying total?						
6)		bar was 140 calorie ories does the small		• •	ent less calories.		
7)		lling lawn mowers How much would i					
8)	A video game is the game thi		kend the game will	l be marked 11 perc	cent off. How much		
9)	A restaurant bi should you lea	ll was \$27 after tax ve total?	. If you wanted to	leave a 9 percent ti	p, how much		
10)		on of a cell phone v ner. How thick is th			nt version is about		

	Adding & Subtracting Percents of Quantity Name:	
<u> </u>	e each problem. Round your answer to the nearest hundredth.	Answers
1)	A furniture store had a chair that cost \$36. After a few months the owner took 17 percent off the price. How much is the chair now?	1
2)	A restaurant bill was \$33 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?	2 3
3)	Tiffany's hair was 36 centimeters long. Over summer though she cut off 17 percent. How long was her hair after the haircut?	4 5
4)	The early version of a cell phone was 103 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?	6.
5)	A loan company charged 22 percent interest on every dollar borrowed. If a person borrowed 144 dollars, how much would they end up paying total?	8 9
6)	Nancy ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 37 percent off the price. How much did she end up paying?	10
7)	The bill at an electronics store was \$57 before tax. Tax is 7 percent. What is the total price with tax?	
8)	An old cell phone battery would last for 17 hours. The new battery lasts 5 percent longer. How long will the new battery last?	
<b>9</b> )	A store was selling lawn mowers for \$73. The repair agreement is 9 percent of the price of the mower. How much would it cost for a mower and repair agreement?	
10)	A video game was \$39. This weekend the game will be marked 11 percent off. How much is the game this weekend?	

	Adding & Subtracting Percents of Quantity Name: An	SWE	er Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	A furniture store had a chair that cost \$36. After a few months the owner took 17 percent off the price. How much is the chair now?	1	29.88
		2	37.95
2)	A restaurant bill was \$33 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?	3	29.88
		4	90.64
3)	Tiffany's hair was 36 centimeters long. Over summer though she cut off 17 percent. How long was her hair after the haircut?	5	175.68
		6.	14.49
4)	The early version of a cell phone was 103 millimeters thick. The current version is about 12 percent thinner. How thick is the newer version?	7.	60.99
		8	17.85
5)	A loan company charged 22 percent interest on every dollar borrowed. If a person borrowed 144 dollars, how much would they end up paying total?	9.	79.57
		10.	34.71
6)	Nancy ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 37 percent off the price. How much did she end up paying?		
7)	The bill at an electronics store was \$57 before tax. Tax is 7 percent. What is the total price with tax?		
8)	An old cell phone battery would last for 17 hours. The new battery lasts 5 percent longer. How long will the new battery last?		
9)	A store was selling lawn mowers for \$73. The repair agreement is 9 percent of the price of the mower. How much would it cost for a mower and repair agreement?		
10)	A video game was \$39. This weekend the game will be marked 11 percent off. How much is the game this weekend?		

		Adding & Sub	tracting Percent	s of Quantity	Name:	
Solve each problem. Round your answer to the nearest hundredth.						Answers
$\bigcap$	79.57	14.49	60.99	37.95	17.85	
	29.88	34.71	175.68	29.88	90.64	1
1)		ore had a chair that c How much is the cha		ew months the own	er took 17 percent	2
2)	A restaurant bi should you lea	ill was \$33 after tax ve total?	. If you wanted to	leave a 15 percent	tip, how much	4.
3)	•	was 36 centimeters air after the haircut	0	er though she cut of	f 17 percent. How	5.    6.
4)	•	ion of a cell phone v nner. How thick is th		rs thick. The curre	nt version is about	7.     8.
5)	-	ny charged 22 perce dollars, how much		•	If a person	9 10
6)	•	l a shirt online that on the that off the price. How			ed late so the seller	
7)	The bill at an e with tax?	electronics store was	s \$57 before tax. T	Cax is 7 percent. W	hat is the total price	
8)	-	one battery would la the new battery las		he new battery last	s 5 percent longer.	
<b>9</b> )		lling lawn mowers to w much would it co			rcent of the price of ?	
10)	A video game is the game thi		tion will the game will	l be marked 11 perc	cent off. How much	