	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)	Tiffany 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)	Isabel'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
3)		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
		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
			232.50
4)	Tiffany 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	232.30
5)	A plant was 41 centimeters tall. After a month it had grown 20 percent taller. How tall was	8	84.53
	the plant after a month?	9.	29.90
		10.	32.80
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?		
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)	Isabel's hair was 40 centimeters long. Over summer though she cut off 18 percent. How long was her hair after the haircut?		

		Adding & Sub	tracting Percents	s of Ouantity	Name:		
Solv	e each problem		wer to the nearest				Answers
\bigcap	49.20	24.80	27.56	32.80	32.76		
	232.50	84.53	10.17	22.36	29.90	1.	
1)		a meal used to cos nuch does the mea		ner decided to raise	the price by 13	2	
2)		creen was 26 centin low wide is the new		ewer model increase	ed the screen size	3 4	
3)	A restaurant bi should you lea		x. If you wanted to	leave a 17 percent ti	p, how much	5 6	
4)	•		t cost her \$26 total. w much did she end	The package arrived up paying?	d late so the seller	7 8	
5)	A plant was 41 the plant after		After a month it had	grown 20 percent ta	aller. How tall was	9	
6)	-	• • •	ent interest on ever would they end up	y dollar borrowed. I paying total?	f a person		
7)	A video game is the game thi		kend the game will	be marked 20 perce	ent off. How much		
8)	••••		es. The smaller can ller candy bar have	dy bar has 21 percer ?	nt less calories.		
9)	A small bag of does the large	-	ounces. A large bag	g was 15 percent hea	wier. How much		
10)		as 40 centimeters lo air after the haircut	•	though she cut off 1	8 percent. How		

	Adding & Subtracting Demonstra of Quantity Name	
Solv	Adding & Subtracting Percents of Quantity Name: 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 does the large bag weigh?	2 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?	4. 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 20 percent thinner. How thick is the newer version?	8 9
6)	Will 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?	
9)	Isabel's hair was 40 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?	
10)	Olivia 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	iswe	r 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
		6.	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?	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
		10.	12.00
6)	Will 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?		
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?		
9)	Isabel's hair was 40 centimeters long. Over summer though she cut off 14 percent. How long was her hair after the haircut?		
10)	Olivia 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 Percents	s of Ouantity	Name:		
Solv	e each problem	n. Round your ans					Answers
\square	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?	electronics store wa	s \$60 before tax. T	ax is 7 percent. Wha	at is the total price	2 3.	
2)	A small bag of does the large	-	ounces. A large bag	g was 6 percent heav	ier. How much	4.	
3)	A plant was 35 the plant after		fter a month it had	grown 13 percent ta	ller. How tall was	5 6	
4)	-	ny charged 49 perce dollars, how much		y dollar borrowed. If paying total?	f a person	7 8	
5)	-	ion of a cell phone more that the second s		rs thick. The current	version is about	9	
6)		video that was orig long was his video a		ong, but he ended up	o cutting it by 15		
7)		ore had a chair that o How much is the cha		w months the owner	took 10 percent		
8)	A video game is the game thi		kend the game will	be marked 17 perce	nt off. How much		
9)		as 40 centimeters lo air after the haircut	•	though she cut off 14	4 percent. How		
10)		a shirt online that on that off the price. How		The package arrived up paying?	late so the seller		

	Adding & Subtracting Percents of Quantity Name:	
Solv	e each problem. Round your answer to the nearest hundredth.	Answers
1)	Frank 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?	
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 & Subtracting Percents of Quantity Name: An	SWe	er Key
Solv	e each problem. Round your answer to the nearest hundredth.		Answers
1)	Frank 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
		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 Percents	s of Ouantity	Name:		
Solv	e each problen	n. Round your ans	-				Answers
\bigcap	44.85	33.20	113.40	133.40	35.64		
	14.04	23.54	33.30	60.32	39.48	1	
1)		a video that was or long was his video		long, but he ended	up cutting it by 19	2 3.	
2)		a shirt online that on the state of the price. How		The package arrived up paying?	late so the seller	4.	
3)	•	ion of a cell phone r. How thick is the		rs thick. The current	version is about 8	5 6	
4)	A small bag of does the large	-	ounces. A large bag	g was 7 percent heav	vier. How much	7 8	
5)		bar was 140 calorie ories does the smal		dy bar has 19 percer ?	nt less calories.	9	
6)	A video game is the game thi		kend the game will	be marked 16 perce	ent off. How much		
7)	A plant was 39 the plant after		fter a month it had	grown 15 percent ta	aller. How tall was		
8)		U	-	agreement is 16 per and repair agreemer	-		
9)		ore had a chair that d How much is the ch		w months the owner	r took 17 percent		
10)		t a meal used to cos much does the mea		vner decided to raise	e the price by 17		

	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)	Robin'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)	Bianca 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?	
9)	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	swe	r 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	48.59
2)	A restaurant bill was \$43 after tax. If you wanted to leave a 13 percent tip, how much should you leave total?	3	43.20
		4.	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?	0 7	24.20
			25.54
		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
		10.	30.52
6)	Robin's hair was 40 centimeters long. Over summer though she cut off 13 percent. How long was her hair after the haircut?	_	
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)	Bianca ordered a shirt online that cost her \$33 total. The package arrived late so the seller		
0)	took 22 percent off the price. How much did she end up paying?		
9)	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 & Sub	otracting Percents	s of Ouantity	Name:	
Solv	e each problem		swer to the nearest			Answers
\bigcap	138.86	30.52	74.88	17.55	24.20	
	48.59	36.12	43.20	25.74	34.80	1
1)			s. The smaller cand ller candy bar have	y bar has 22 percen ?	t less calories.	2
2)	A restaurant bi should you lea		x. If you wanted to	leave a 13 percent t	ip, how much	4
3)	A video game is the game thi		kend the game will	be marked 10 perce	ent off. How much	5. 6.
4)		re had a chair that low much is the ch		w months the owne	r took 14 percent	7. 8.
5)	-	one battery would the new battery la		ne new battery lasts	17 percent longer.	9. 10.
6)		as 40 centimeters l air after the haircu	0	though she cut off 1	3 percent. How	
7)	A plant was 22 the plant after a		After a month it had	grown 10 percent t	aller. How tall was	
8)			cost her \$33 total. w much did she end	The package arrived up paying?	d late so the seller	
9)	-		ent interest on every would they end up	y dollar borrowed. I paying total?	f a person	
10)	A small bag of does the large	-	ounces. A large bag	g was 9 percent heav	vier. 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?	

	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
			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.		
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 & Sub	tracting Percents	of Ouantity	Name:		
Solv	e each problen		wer to the nearest				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		s thick. The current	version is about	2	
2)	A video game is the game th		kend the game will	be marked 14 perce	ent off. How much	34	
3)	A restaurant b should you lea		x. If you wanted to l	eave a 16 percent ti	p, how much	5 6	
4)		video that was orig long was his video	•	ong, but he ended up	p cutting it by 15	7 8	
5)	A plant was 14 the plant after		After a month it had	grown 13 percent ta	aller. How tall was	9	
6)		creen was 47 centin How wide is the new		ewer model increase	ed the screen size		
7)		t a meal used to cos much does the mea		ner decided to raise	the price by 16		
8)	The bill at an with tax?	electronics store wa	us \$64 before tax. Ta	ax is 9 percent. Wha	at is the total price		
9)				agreement is 21 per and repair agreemer			
10)		ore had a chair that How much is the ch		w months the owner	r took 14 percent		
						1	

	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)	Bianca 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)	Cody 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?	

	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
	•		50.40
		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?		10.17
		10.	64.05
6)	Bianca 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?		
7)	A small bag of flour weighed 12 ounces. A large bag was 8 percent heavier. How much does the large bag weigh?		
8)	Cody 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?		

		Adding & Sub	tracting Percents	s of Ouantity	Name:		
Solv	e each problem		wer to the nearest	· · · · ·			Answers
\bigcap	25.20	64.05	43.87	59.40	88.29		
	18.56	12.96	29.04	10.17	35.96	1.	
1)	-	ion of a cell phone mer. How thick is t		s thick. The current	t version is about	2	
2)		creen was 16 centin How wide is the no		ewer model increase	ed the screen size	3 4	
3)	A video game is the game thi		kend the game will	be marked 12 perce	ent off. How much	5 6	
4)	A restaurant bi should you lea		x. If you wanted to a	leave a 16 percent t	ip, how much	7 8	
5)	A plant was 41 the plant after		After a month it had	grown 7 percent ta	ller. How tall was	9 10	
6)			cost her \$30 total. w much did she end	The package arrived up paying?	d late so the seller		
7)	A small bag of does the large	U	ounces. A large bag	g was 8 percent heav	vier. How much		
8)	•	a video that was ori ong was his video	•	long, but he ended	up cutting it by 10		
9)		a meal used to cos nuch does the mea		ner decided to raise	the price by 13		
10)	The bill at an e with tax?	electronics store wa	us \$61 before tax. T	ax is 5 percent. Wh	at is the total price		

	Adding & Subtracting Percents of Quantity Name:	
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
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)	Faye'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?	
	I	

	Adding & Subtracting Percents of Quantity Name: An	swe	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
		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?	9.	81.00
		10.	33.32
6)	A video game was \$50. This weekend the game will be marked 15 percent off. How much is the game this weekend?	_	
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)	Faye'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 & Sub	tracting Percent	s of Quantity	Name:		
Solv	e each problem		wer to the neares			I	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 centii How wide is the no		ewer model increase	ed the screen size	2. <u> </u>	
2)		a meal used to cos nuch does the mea		wner decided to raise	e the price by 14	4	
3)		re had a chair that low much is the ch		ew months the owner	r took 13 percent	5 6	
4)	-	one battery would l the new battery las		he new battery lasts	10 percent longer.	7 8	
5)	A small bag of does the large	-	ounces. A large ba	g was 11 percent hea	avier. How much	9 10	
6)	A video game is the game this		kend the game will	be marked 15 perce	ent off. How much		
7)	-	• • •	ent interest on ever would they end up	ry dollar borrowed. I paying total?	f a person		
8)	•	s 46 centimeters log air after the haircut	•	hough she cut off 12	e percent. How		
9)	•	-	was 100 millimete he newer version?	rs thick. The current	version is about		
10)	A plant was 28 the plant after a		After a month it had	l grown 19 percent t	aller. 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)	Paige'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 coll shows bottoms would lost for 19 bours. The new bottoms losts 20 mercent losses	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 7.	32.93 226.38
5)		8.	19.38
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?	9 10.	<u>41.86</u> 19.80
6)	Paige's hair was 37 centimeters long. Over summer though she cut off 11 percent. How long was her hair after the haircut?		
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 & Sub	tracting Percent	s of Quantity	Name:		
Solv	e each problen	n. Round your ans					Answers
\bigcap	19.38	226.38	32.93	93.60	41.86		
	63.44	19.80	45.00	48.72	23.22	1.	
1)	A restaurant b should you lea		a. If you wanted to	leave a 16 percent ti	p, how much	2 3.	
2)	-	one battery would l the new battery las		he new battery lasts	29 percent longer.	4	
3)	The bill at an e with tax?	electronics store wa	s \$61 before tax. T	°ax is 4 percent. Wha	at is the total price	5 6	
4)	A video game is the game thi		kend the game will	be marked 10 perce	ent off. How much	7 8	
5)		bar was 117 calorie ories does the smal		dy bar has 20 percer ?	nt less calories.	9	
6)	-	as 37 centimeters lo air after the haircut	-	though she cut off 1	l percent. How		
7)	-	ny charged 47 perce dollars, how much		y dollar borrowed. I paying total?	f a person		
8)		creen was 17 centir How wide is the ne		ewer model increase	ed the screen size		
9)		ore had a chair that of How much is the ch		ew months the owner	r took 9 percent		
10)	A small bag of does the large	-	ounces. A large bag	g was 10 percent hea	wier. How much		

	Adding & Subtracting Percents of Quantity Name:		
Solv	e each problem. Round your answer to the nearest hundredth.	1	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)	A small bag of flour weighed 21 ounces. A large bag was 17 percent heavier. How much does the large bag weigh?	4	
4)	Robin 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	
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?		
9)	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	iswe	r 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
		4	19.55
3)	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)	Robin 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?	9	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?		
9)	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 Percents	of Quantity	Name:		
Solve each problem. Round your answer to the nearest hundredth. Answers							
\bigcap	98.28	117.60	82.68	29.43	32.04		
	38.85	97.75	120.00	24.57	19.55	1	
1)		ccreen was 37 centin How wide is the new		wer model increase	ed the screen size	2	
2)	The bill at an with tax?	electronics store wa	s \$78 before tax. Ta	ax is 6 percent. Wh	at is the total price	3. 4.	
3)	A small bag o does the large	f flour weighed 21 o bag weigh?	ounces. A large bag	was 17 percent hea	avier. How much	5. 6.	
4)		a shirt online that on the state of the price. How		1 0	late so the seller	7. 8.	
5)	-	ny charged 20 perce dollars, how much	•		f a person	9 10	
6)	•	bar was 140 calorid lories does the smal		• •	nt less calories.		
7)		elling lawn mowers How much would i	-		-		
8)	A video game is the game th	was \$36. This wee is weekend?	kend the game will	be marked 11 perce	ent off. How much		
9)	A restaurant b should you lea	ill was \$27 after tax ave total?	x. If you wanted to l	eave a 9 percent tip	o, how much		
10)	•	ion of a cell phone nner. How thick is t		s thick. The current	version is about		

	Adding & Subtracting Percents of Quantity Name:	
	e each problem. Round your answer to the nearest hundredth. A furniture store had a chair that cost \$36. After a few months the owner took 17 percent	<u>Answers</u>
	off the price. How much is the chair now?	1
		2
2)	A restaurant bill was \$33 after tax. If you wanted to leave a 15 percent tip, how much should you leave total?	3
		4
3)	Janet's hair was 36 centimeters long. Over summer though she cut off 17 percent. How long was her hair after the haircut?	5
		6
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
		8
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
		10
6)	Katie 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)		
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 call shows bottoms would last for 17 bours. The new bottoms losts 5 percent longer	
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 & Subtracting Percents of Quantity Name: An	swe	r 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)	Janet'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
		_	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?	6 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)	Katie 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.} _	37.71
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	otracting Percents	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 How much is the ch	cost \$36. After a fe air now?	w months the owne	r took 17 percent	2	
2)	A restaurant b should you lea		x. If you wanted to I	leave a 15 percent ti	ip, how much	4.	
3)		as 36 centimeters lo nair after the haircu	ong. Over summer tl t?	nough she cut off 17	7 percent. How	5 6	
4)	•	tion of a cell phone nner. How thick is	was 103 millimeter the newer version?	s thick. The current	version is about	7 8	
5)	-		ent interest on every would they end up		f a person	9	
6)			cost her \$23 total. The wind the set of the		late so the seller		
7)	The bill at an with tax?	electronics store wa	as \$57 before tax. T	ax is 7 percent. Wh	at is the total price		
8)	-	one battery would I the new battery la	last for 17 hours. Th st?	ne new battery lasts	5 percent longer.		
9)			for \$73. The repair cost for a mower and				
10)	A video game is the game th		kend the game will	be marked 11 perce	ent off. How much		