

## Adding & Subtracting Percents of Quantity

Name:

	Adding & Subtracting Fercents of Quantity Name.		
Solv	re each problem. Round your answer to the nearest hundredth.		<u>Answers</u>
1)	An old cell phone battery would last for 17 hours. The new battery lasts 29% longer. How long will the new battery last?	1.	
2)	Billy created a video that was originally 87 minutes long, but he ended up cutting it	2.	
-,	by 16 percent. How long was his video after he cut it?	3.	
3)	Faye ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 11 percent off the price. How much did she end up paying?	4. 5.	
		6.	
4)	At a restaurant a meal used to cost \$10, but a new owner decided to raise the price by 9%. How much does the meal cost now?	7.	
5)	A video game was \$33. This weekend the game will be marked 15 percent off. How much is the game this weekend?	8.	
	muon le the game time weekend.	9. 10.	
6)	The bill at an electronics store was \$97 before tax. Tax is 4%. What is the total price with tax?		
7)	An older TV screen was 36 centimeters wide. The newer model increased the		
	screen size by 18%. How wide is the new TV screen?		
8)	A large candy bar was 143 calories. The smaller candy bar has 27 percent less calories. How many calories does the smaller candy bar have?		
9)	A small bag of flour weighed 20 ounces. A large bag was 13% heavier. How much		
·	does the large bag weigh?		
10)	A loan company charged 32% interest on every dollar borrowed. If a person		

borrowed 186 dollars, how much would they end up paying total?



## Adding & Subtracting Percents of Quantity

Name: Answer Key

Solv		<u>Answers</u>	
1)	An old cell phone battery would last for 17 hours. The new battery lasts 29% longer. How long will the new battery last?	1	21.93
<b>0</b> \	D''	2	73.08
2)	Billy created a video that was originally 87 minutes long, but he ended up cutting it by 16 percent. How long was his video after he cut it?	3	20.47
		4	10.90
3)	Faye ordered a shirt online that cost her \$23 total. The package arrived late so the seller took 11 percent off the price. How much did she end up paying?	5. <sub>-</sub>	28.05
<b>.</b>		6	100.88
4)	At a restaurant a meal used to cost \$10, but a new owner decided to raise the price by 9%. How much does the meal cost now?	7	42.48
-\	A	8	104.39
5)	A video game was \$33. This weekend the game will be marked 15 percent off. How much is the game this weekend?	9	22.60
		10. <sub>-</sub>	245.52
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Seed: 1482894512-766

1-10 90 80 70 60 50 40 30 20 10 0

price with tax?



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245.52	73.08	21.93	10.90	100.88
42.48	104.39	22.60	28.05	20.47

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