

Date: _____

Name: _____

Percent Task Directions

Task: Today you will be calculating the total cost of your imaginary birthday dinner and writing about the process. You will select items from a menu, calculate the subtotal, discount, discount price, tax, and tip before ultimately determining the total cost.

Step 1: Choose a menu: Search online for a menu or use a take-out menu you have at home.

Step 2: Select 10 DIFFERENT entrees (dinners) from the menu of your choice, Record the name of the entree, as well as the price on the attached sheet.

Step 3: Calculate the subtotal of the items: \$ _____

In order to find the subtotal you must _____ all of the items up.

Step 4: Calculate the discount: Because it's your birthday dinner, the restaurant you chose gave you a coupon for 1/5 off the entire meal cost.

A coupon is another word for a _____.

Step 5: Calculate the discount price: (This is how much you pay after they apply the discount.) \$ _____

So, you need to _____ the discount from the original price.

Step 6: Calculate the tip: (Your waitress did an excellent job so you decided to leave her an 18% tip.) \$ _____

The tip will _____ the total cost you pay.

Step 7: Calculate the grand total: This is when you figure out exactly how much your birthday dinner cost. Don't forget your bill will include the meal costs and a .07 tax rate. The tax: \$ _____

So, you must _____ the discount price, then _____ the tax and tip to calculate the grand total cost of the party.

Step 8: Finally, on a separate piece of paper, explain how you arrived at your grand total. You are required to use important vocabulary to describe the process that you went through. You may find it useful to follow this direction sheet to help narrate the progression you made throughout the project.

Include:

-when you multiplied, added or subtracted - label what you found by doing so (discount, discount price, tip, tax, grand total etc.)

-your work - what was being multiplied, added or subtracted (tax rate, discount rate, tip rate, subtotal, sale price etc.)

-any and all times you had to round your answer to make it a dollar amount (to the nearest hundredth of a cent; for example: 4.56781 rounds to \$4.57)

Step 9: What observation did you make when you compared your initial total (meal cost) and the final cost? Explain why this occurred.

NOTE: While you may use a calculator to check your work, you must show all work (including subtraction, regrouping, multiplication, etc.) in order to receive full credit on this project. These may be calculator inactive problems at the end of the year and you need to understand the process.

My name is _____.

My Birthday is _____.

and my dinner party was at _____.

My guests ordered the following items:

	ITEM PRICE
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____

Step 3: The subtotal for all of the items ordered was \$ _____.

Step 4: I had a coupon for 1/5 off the cost of the meal, so the discount was _____%

Step 5: the discount equaled \$ _____.

Step 6: I also left the waitress an 18% tip on the bill, which came out to \$ _____. I didn't pay tax on the t

Step 7: I then had 7/100 or _____% which equaled \$ _____ in taxes added to the bill.

The grand total for my birthday party was \$ _____.