

Name _____

Date _____

Mr. Tallman

Do Now

1) Party City is having an After Thanksgiving sale. They are putting all of their Thanksgiving merchandise on sale for 15% off. If a turkey headband originally costs \$8, what is the new price?

2) A wireless Bluetooth speaker is originally priced at \$135. You find it on sale at Best Buy for \$101.25. What is discount percent?

Lesson #39 – Multi-Step Percents Day One

Fill in the blank with the words “increases” or “decreases”.

- When TAX is applied to an item, the total cost of your purchase _____.
- When a MARKDOWN is applied to an item, the total cost of the item _____.
- When you leave a TIP, the total amount you are spending _____.
- When an item is DISCOUNTED, the cost of the item _____.
- When a MARKUP is applied to an item, the total cost of the item _____.

Example 1) You and a few friends go out to dinner. The bill comes to \$84 before tax. The amount of tax is \$7.26 and you would like to leave a \$15 tip. What is the final amount you are paying for dinner?

Example 2) Lexie buys a jacket that was originally priced \$150. The store is running a sale 25% off all jackets. She also has a 30% off coupon.

Part A) What is the sale price of the jacket?

Part B) What is the final cost of the jacket after the coupon?

Example 3) There's a dance competition this Saturday. Dana would like to buy a new costume which is originally priced at \$95. All costumes are on sale 20% off. There is an 8% sale tax.

Part A) What is the sale price of the jacket?

Part B) What is the final cost of the jacket after the sales tax is applied?

Example 4) A \$800 television is discounted by 30%. There is a 5% sale tax. Find the final price of the television.

Example 5) Anthony went out to dinner with 4 of his friends. The bill came to \$85.34. There is a 7.5% tax and they wanted to leave a 18% tip.

Part A) What is the total bill after the tax and tip are applied?

Part B) How much money did EACH person pay if they wanted to split the bill evenly?

Now, You Try!

6) Miguel went shopping and decided to purchase sunglasses for 25% off of the regular price of \$108. He had a coupon for an additional 10% off. How much did Miguel spend on the sunglasses?

7) Lance orders a Blu-Ray from Amazon.com. The Blu-Ray costs \$18. He has a coupon code for a 20% discount and the sales tax is 6%. What is the total cost of his order?

8) You are having a pizza party at the local pizzeria. Below is a list of all of the food and drinks needed for the party:

- Eleven pizza pies costing \$7.45 each
- Twenty-two desserts at \$2.95 each
- Nineteen beverages at \$1.75 each.

The pizzeria offers a 10% party discount. The sales tax is 8.625% and you want to leave a 20% tip. What is the total cost of the pizza party?

9) Meg and Julia went to lunch and received the following bill.

Part A) They realize after they receive the bill they have a 35% off coupon. Calculate the new bill after the 35% off coupon is applied. Remember to recalculate the tax after the coupon is applied.

Piccolo Restaurant	
Bellmore, NY	
12/10/2016 12:45	
1 TriClr Tortellini	\$10.95
1 Chicken Francese	\$13.95
2 @\$1 House Salads	\$2.00
	Items \$26.90
	Tax \$2.32
	TOTAL \$29.22

Part B) If Meg and Julia only have \$14 each to spend, will they have enough to cover the bill?