Name _____ Date _____

Sales Tax, Discounts and the Final Price

Directions: Questions about Andre's store use its price tags, and each calculation follows the order its question gives for the discount and the tax. Type dollar amounts as numbers, using a decimal point for cents and no dollar sign.

Andre's Shopping Trip

Price tags Andre found at one store, with the sale discount offered on each item. Every question uses a sales tax rate of 10%; real sales tax rates and rules vary by state and city. In this example, sales tax is charged on the price after any discount.

Item	Regular price (dollars)	Sale discount
Sneakers	80.00	25% off
Backpack	36.00	15% off
Headphones	45.00	20% off
Hoodie	32.00	No discount

1. Before any tax is calculated, what is the sale price of the sneakers once the 25% discount is subtracted from their regular price?

_____ dollars

2. Because sales tax in this example equals 10% of the price after the discount, how much sales tax does Andre pay on the discounted sneakers?

_____ dollars

3. When the 10% sales tax, charged on the price after the discount, is added to the sneakers' sale price, what final price does Andre pay at the register?

_____ dollars

4. The backpack is discounted 15%, and the 10% tax is charged on the price after that discount; what is the backpack's final price, including tax?

_____ dollars

5. With each item's tax calculated on its discounted price, what is the total sales tax Andre would pay on the backpack and the headphones together?

_____ dollars

6. Andre purchases the headphones and the hoodie together, and each item's tax is charged on its price after any discount. What is the final price for both items combined?

_____ dollars

7. Shoppers encounter these words at the register; match each word with the definition that describes it.

Write the letter of the matching answer on each line.

1. _____ Sales tax
2. _____ Discount
3. _____ Sale price
4. _____ Final price

Choices for question 7

A. The total a shopper pays at the register, including tax

B. A fee a store charges when an item is returned

C. A charge that a state or city adds to many purchases, figured as a percent of the price

D. What an item costs after a discount but before any tax

E. An amount taken off the regular price of an item

8. At a different store, Andre is considering a $70 jacket and can use either a $15-off coupon or a 20%-off sale, with the 10% sales tax charged on the price after the discount either way. Which choice produces the lower final price, and by how much?

A. The $15-off coupon, by $1.00

B. The 20%-off sale, by $1.10

C. The $15-off coupon, by $1.10

D. Both choices give the same final price

9. Suppose a store calculated the 10% tax on a $70 jacket's full price first and then subtracted a $15 coupon. How much more would Andre pay that way than if the tax were charged on the price after the coupon?

_____ dollars

10. A pair of jeans has a final price of $55.00 after a 10% sales tax, charged on the price after the discount, was added to its sale price. What was the sale price before tax?

_____ dollars