

Discounts & Sales Tax

MANAGING MONEY • GRADES 5-6 • Financial Literacy

Name: _____

Date: _____

Clayway Market Sale

Use the sale board to solve each shopping situation. Unless a problem says otherwise, sales tax is 10% and is calculated after the discount.

Backpack \$32.00 25% off	Desk Lamp \$24.00 \$6 off	Headphones \$40.00 20% off	Art Set \$18.00 \$3 off
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- Paula wants the \$32 backpack. It is 25% off. How much is the discount, and what sale price will she pay before tax?

- Michelle has \$30. She buys the desk lamp with the \$6 discount. If sales tax is 10% of the discounted price, does she have enough? How much money is left?

- Heather is choosing between the backpack and the headphones. After their discounts but before tax, which costs less and by how much?

- Brandye buys the \$18 art set. After the \$3 discount, a 10% sales tax is added. What is her final cost?

- Scott buys the discounted backpack and discounted art set together. What is the subtotal after both discounts but before tax?

- The discounted headphones cost \$32 before tax. Eric has exactly \$35. If the sales tax is 10%, can he afford them? Explain using the final price.

- Jennifer buys the desk lamp and art set at their sale prices. A 10% sales tax is charged on the combined discounted subtotal. What is the final total?

- A store mistakenly calculates 10% tax on the backpack's original \$32 price instead of its \$24 sale price. How much extra tax would the customer be charged?

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- Paula wants the \$32 backpack. It is 25% off. How much is the discount, and what sale price will she pay before tax?
\$8.00 discount; \$24.00 sale price.
- Michelle has \$30. She buys the desk lamp with the \$6 discount. If sales tax is 10% of the discounted price, does she have enough? How much money is left?
\$24 – \$6 = \$18. Tax = \$1.80. Total = \$19.80. Yes; \$10.20 is left.
- Heather is choosing between the backpack and the headphones. After their discounts but before tax, which costs less and by how much?
Backpack: \$24.00. Headphones: \$32.00. The backpack costs \$8.00 less.
- Brandye buys the \$18 art set. After the \$3 discount, a 10% sales tax is added. What is her final cost?
\$18 – \$3 = \$15. Tax = \$1.50. Final cost = \$16.50.
- Scott buys the discounted backpack and discounted art set together. What is the subtotal after both discounts but before tax?
Backpack \$24 + art set \$15 = \$39.00.
- The discounted headphones cost \$32 before tax. Eric has exactly \$35. If the sales tax is 10%, can he afford them? Explain using the final price.
Tax = \$3.20, so the final price is \$35.20. No; he is \$0.20 short.
- Jennifer buys the desk lamp and art set at their sale prices. A 10% sales tax is charged on the combined discounted subtotal. What is the final total?
Sale prices: \$18 + \$15 = \$33. Tax = \$3.30. Final total = \$36.30.
- A store mistakenly calculates 10% tax on the backpack's original \$32 price instead of its \$24 sale price. How much extra tax would the customer be charged?
Correct tax is \$2.40; incorrect tax is \$3.20. The customer would be charged \$0.80 extra.