

9. Guided Practice — Worksheet A

Name: _____ **Class:** _____ **Date:** _____

Part A: Track the base

1. A \$50 item is 10% off, then 10% tax is added. What is the new base after the discount?

2. A \$100 item is 20% off, then 5% tax is added. What amount is taxed?

3. A value of 200 increases by 10%, then decreases by 10%. What is the base for the decrease?

4. \$600 earns 5% simple interest for 2 years. What is the base each year?

5. \$800 in sales earns 7% commission. What is the commission base?

6. \$72 is the price after 10% off. What percent of the original is \$72?

Part B: Solve

7. Find the final amount for Question 1.

8. Find the final amount for Question 2.

9. Find the final value for Question 3.

10. Find the interest for Question 4.

11. Find the commission for Question 5.

12. Find the original price for Question 6.

13. Explain why the base changes.

14. Explain why tax after a discount uses the sale price when the context says tax is added to the sale price.
