

**Financial & Managerial Accounting for Undergraduates**  
2nd Edition  
by Wallace, Nelson, Christensen, Hobson, and Matthews

**PRACTICE QUIZ**

**Chapter 5: Accounting for Merchandising Operations**

---

1. Smith & Sons purchased \$10,000 of merchandise from the Claremont Company with terms of 2/10, n/30. How much discount is Smith & Sons entitled to take if it pays for the merchandise within the allowed discount period of 10 days?
  - a. \$ 20
  - b. \$200
  - c. \$400
  - d. There is insufficient information to determine the discount.
  
2. Smith & Sons purchased merchandise with a list price of \$5,000 from the Claremont Company. Claremont offers its customers credit terms of 3/10, n/45. What amount should Smith & Sons pay if the cash discount is taken?
  - a. \$4,850
  - b. \$4,900
  - c. \$4,950
  - d. \$5,000
  
3. On January 1, Smith & Sons purchased merchandise with an invoice price of \$3,000 and credit terms of 2/10, n/30. On January 4, Smith & Sons paid \$100 transportation costs on the purchased merchandise. On January 9, Smith & Sons paid for the merchandise. What is the total cost of the purchased merchandise?
  - a. \$3,100
  - b. \$3,040
  - c. \$3,000
  - d. \$2,940
  
4. Smith & Sons uses the perpetual inventory system. The company purchased merchandise with an invoice price of \$800, with terms of 2/10, n/30. If the company returns merchandise with an invoice price of \$200 to the supplier before any payment was made for the merchandise, what should the journal entry to record the return include?
  - a. Debit to inventory for \$200
  - b. Debit to inventory for \$196
  - c. Credit to inventory for \$200
  - d. Credit to inventory for \$100

5. A merchandising company's classified income statement differs from that of a service company in what way?
- A service company's income statement does not include a line item for cost of goods sold.
  - A service company's income statement has a line for selling expenses whereas the income statement for a merchandising company does not.
  - A merchandising company's income statement will have a line for income from operations whereas a service company will not.
  - There is no difference.
6. During the year, Smith & Sons purchased inventory with an invoice price of \$400,000. The company also paid \$20,000 freight charges on the inventory, and returned \$50,000 of inventory to the supplier. After the return, the inventory was paid for in a timely manner, so Smith & Sons took a \$10,000 cash discount. During the year, the company sold \$300,000 of the inventory for \$525,000. What is the year-end balance in the company's inventory account assuming that it began the year with no inventory on hand?
- \$70,000
  - \$60,000
  - \$50,000
  - \$40,000
7. Smith & Sons reports net sales of \$5,000, cost of goods sold of \$3,000, and net income of \$500. What is the gross profit percentage for the company?
- 10 percent
  - 17 percent (rounded)
  - 40 percent
  - 90 percent
8. Smith & Sons reports the following data at year-end:

Net sales	\$100,000
Cost of goods sold	60,000
Net income	20,000

What is the company's gross profit percentage?

- 20 percent
- 40 percent
- 60 percent
- 80 percent

9. Using the data from Question 8, calculate the company's return on sales ratio.
- a. 20 percent
  - b. 40 percent
  - c. 60 percent
  - d. 80 percent
10. Smith & Sons began the period with \$10,000 in inventory. The company also purchased \$20,000 of inventory and returned \$2,000 for a full credit. A physical count of the inventory at year-end revealed \$15,000 of inventory on hand.

What was the company's cost of goods sold for the period?

- a. \$32,000
- b. \$30,000
- c. \$28,000
- d. \$13,000

## SOLUTIONS

### Chapter 5: Accounting for Merchandising Operations

---

1. b  
Rationale:  $(2\% \times \$10,000)$
2. a  
Rationale:  $[\$5,000 - (\$5,000 \times 3\%)]$
3. b  
Rationale:  $[\$3,000 - (\$3,000 \times 2\%) + \$100]$
4. c
5. a
6. b  
Rationale:  $(\$400,000 + \$20,000 - \$50,000 - \$10,000 - \$300,000)$
7. c  
Rationale:  $(\$5,000 - \$3,000)/\$5,000$
8. b  
Rationale:  $(\$100,000 - \$60,000)/\$100,000$
9. a  
Rationale:  $(\$20,000/\$100,000)$
10. d  
Rationale:  $(\$10,000 + \$20,000 - \$2,000 - \$15,000)$