## SOLUTIONS

## Multiple Choice

1. a
2. c
3. d
4. d
5. a
6. c
7. $b$ Calculation: $\$ 12,250 / .98=\$ 12,500$
8. b Calculation: $(\$ 108,000-\$ 14,000)(1.07)=\$ 100,580$. Then, $\$ 100,580+\$ 14,000=\$ 114,580$ total cash collected.
9. a Calculation: $(\$ 20,580-\$ 1,960) / .98=\$ 19,000$. Remove the part of the collection that does not relate to Sales-the shipping charges-and the remainder is $98 \%$ of the sales amount.
10. b The credit memo would show a credit to Accounts Receivable of $\$ 2,000$.
11. b Sales returns and allowances reduce net sales. Shipping charges paid by the seller are either an expense or a receivable reimbursed by the buyer. Sales tax is a liability.
12. c
13. c A credit memo indicates a reduction in accounts receivable.
14. a $\$ 8,000 \times .75 \times .85 \times .98=\$ 4,998$
15. d
16. c Note that this is a discount that reduces the invoice price, before the purchase discount is applied.
17. a
18. с
19. a
20. d
21. c Calculation of cash payment: $\$ 7,000 \times .98=\$ 6,860$. $\$ 140$ difference is the discount.
22. a No shipping costs for buyer because they are paid by seller to the destination.
23. b If you record a purchase at the net amount, all returns, allowances, etc., must also be at the net amount.
24. a $\$ 161,850-\$ 8,100=\$ 153,750$.
25. с
26. d
27. c $\$ 18 /(\$ 18+\$ 582)=.03$
28. a $\$ 3,300 / .97=\$ 3,402.06$. Because the payment is within the discount period, it is cosidered to be "net of" the 3\% discount; that is, the amount after subtracting the discount. Therefore, you must ask: " $\$ 3,300$ is $97 \%$ of what number? To check your answer, multiply $\$ 3,402.06$ times. 97.

## SOLUTIONS

## Reinforcement Problems

LG 11-1.
a.

| March 1 | Cash |  | 3,500 |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Accounts Receivable |  |  | 3,500 |
|  | Collection of account receivable with no discount taken |  |  |  |

b.

| March 3 | Cash |  | 3,430 |  |
| :--- | :--- | :--- | ---: | ---: |
|  | Sales Discounts |  | 70 |  |
|  | Accounts Receivable |  |  | 3,500 |
|  | Collection of account receivable less 2\% discount |  |  |  |

c.

| March 4 | Sales Returns and Allowances |  | 250 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Accounts Receivable |  |  | 250 |
|  | Credit for unsatisfactory merchandise |  |  |  |

d.

| March 5 | Accounts Receivable |  | 500 |  |
| :--- | :--- | :--- | ---: | ---: |
|  | Freight-out Expense |  | 50 |  |
|  | Sales |  |  | 500 |
|  | Cash |  |  | 50 |
|  | Sale made and seller pays the freight cost as expense |  |  |  |

## SOLUTIONS

## Learning Goal 11, continued

LG 11-2.

| June 8 | Accounts Receivable | 5,800 |  |
| :---: | :---: | :---: | :---: |
|  | Sales |  | 5,800 |
|  |  |  |  |
| 11 | Accounts Receivable | 750 |  |
|  | Freight-out | 100 |  |
|  | Sales |  | 750 |
|  | Cash |  | 100 |
|  |  |  |  |
| 14 | Accounts Receivable | 3,950 |  |
|  | Sales |  | 3,750 |
|  | Cash |  | 200 |
|  |  |  |  |
| 19 | Sales Returns and Allowances | 700 |  |
|  | Accounts Receivable |  | 700 |
|  |  |  |  |
| 20 | Cash | 735 |  |
|  | Sales Discounts | 15 |  |
|  | Accounts Receivable |  | 750 |
|  |  |  |  |
| 21 | Cash | 5,049 |  |
|  | Sales Discounts | 51 |  |
|  | Accounts Receivable |  | 5,100 |
|  |  |  |  |
| 23 | Cash | 3,875 |  |
|  | Sales Discounts | 75 |  |
|  | Accounts Receivable |  | 3,950 |

LG 11-3.

| Date | Account | Post. Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| Nov. 3 | Cash |  | 5,400 |  |
|  | Sales |  |  | 5,000 |
|  | Sales Tax Payable |  |  | 400 |
|  |  |  |  |  |
| 7 | Accounts Receivable |  | 2,000 |  |
|  | Sales |  |  | 2,000 |
|  |  |  |  |  |
| 8 | Cash |  | 840 |  |
|  | Sales |  |  | 840 |
|  |  |  |  |  |
| 10 | Sales Returns and Allowances |  | 650 |  |
|  | Accounts Receivable |  |  | 650 |
|  |  |  |  |  |
| 13 | Accounts Receivable |  | 10,400 |  |
|  | Sales |  |  | 10,000 |
|  | Cash |  |  | 400 |
|  |  |  |  |  |
| 15 | Cash |  | 1,900 |  |
|  | Sales |  |  | 1,900 |
|  |  |  |  |  |
| 16 | Cash |  | 2,916 |  |
|  | Sales |  |  | 2,700 |
|  | Sales Tax Payable |  |  | 216 |
|  |  |  |  |  |
| 17 | Cash |  | 1,323 |  |
|  | Sales Discounts |  | 27 |  |
|  | Accounts Receivable |  |  | 1,350 |
|  |  |  |  |  |
| 20 | Cash |  | 500 |  |
|  | Sales |  |  | 500 |
|  |  |  |  |  |
| 22 | Accounts Receivable |  | 19,440 |  |
|  | Sales |  |  | 19,440 |
|  | $(27,000 \times .9 \times .8=19,440)$ |  |  |  |
|  |  |  |  |  |

## SOLUTIONS

## Learning Goal 11, continued

LG 11-3, continued

| Date | Account | Post. <br> Ref. | Dr. | Cr. |
| :--- | :--- | :---: | :---: | :---: |
| Nov. 24 | Cash |  | 10,400 |  |
|  | Accounts Receivable |  |  | 10,400 |
| 29 | Cash |  |  |  |
|  | Sales |  | 2,700 |  |
|  | Sales Tax Payable |  |  | 2,500 |
| 30 | Sales |  |  | 200 |
|  | Sales Tax Payable |  |  |  |
|  | $(840+1,900+500=3,240) / 1.08=3,000$ |  |  | 240 |

LG 11-4.

| Date | Account | Post. <br> Ref. | Dr. | Cr . |
| :---: | :---: | :---: | :---: | :---: |
| March 2 | Accounts Receivable |  | 5,200 |  |
|  | Sales |  |  | 5,200 |
|  |  |  |  |  |
| 5 | Accounts Receivable |  | 7,000 |  |
|  | Sales |  |  | 7,000 |
|  |  |  |  |  |
| 8 | Sales Returns and Allowances |  | 900 |  |
|  | Accounts Receivable |  |  | 900 |
|  |  |  |  |  |
| 11 | Accounts Receivable |  | 4,150 |  |
|  | Sales |  |  | 4,000 |
|  | Cash |  |  | 150 |
|  |  |  |  |  |
| 12 | Cash |  | 4,214 |  |
|  | Sales Discounts |  | 86 |  |
|  | Accounts Receivable |  |  | 4,300 |
|  |  |  |  |  |

LG 11-4, continued

| Date | Account | Post. Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| March 15 | Cash |  | 5,880 |  |
|  | Sales Discounts |  | 120 |  |
|  | Accounts Receivable |  |  | 6,000 |
|  |  |  |  |  |
| 17 | Accounts Receivable |  | 15,000 |  |
|  | Sales |  |  | 15,000 |
|  | Freight-out Expense |  | 350 |  |
|  | Cash |  |  | 350 |
|  |  |  |  |  |
| 21 | Cash |  | 4,070 |  |
|  | Sales Discounts |  | 80 |  |
|  | Accounts Receivable |  |  | 4,150 |
|  |  |  |  |  |
| 30 | Cash |  | 15,000 |  |
|  | Accounts Receivable |  |  | 15,000 |
|  |  |  |  |  |
| 31 | Cash |  | 1,000 |  |
|  | Accounts Receivable |  |  | 1,000 |
|  |  |  |  |  |
| 31 | Cash |  | 980 |  |
|  | Accounts Receivable |  |  | 980 |

## Comments:

March 15: This is a cash receipt within the discount period, so it is considered to be net of the discount-in other words, after a discount has been applied to a larger amount of Accounts Receivable (the invoice amount). The Accounts Receivable (invoice) amount is calculated: $\$ 5,880 / .98=\$ 6,000$.
March 22: This sale is FOB destination, and there is no indication that the merchandise has arrived. Therefore, no sale can be recorded because ownership has not yet transferred to the buyer.
March 31: The customer payment is $\$ 1,000$ of the invoice amount and is within the discount period, so the cash received is $\$ 1,000 \times .98=\$ 980$.

## SOLUTIONS

LG 11-5.

| Date | Account | Post. <br> Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| March 1 | Cash |  | 3,922 |  |
|  | Sales |  |  | 3,700 |
|  | Sales Tax Payable |  |  | 222 |
|  |  |  |  |  |
| 3 | Cash |  | 600 |  |
|  | Sales |  |  | 600 |
|  |  |  |  |  |
| 4 | Accounts Receivable |  | 7,500 |  |
|  | Sales |  |  | 7,500 |
|  |  |  |  |  |
| 7 | Accounts Receivable |  | 11,800 |  |
|  | Freight-out |  | 620 |  |
|  | Sales |  |  | 11,800 |
|  | Cash |  |  | 620 |
|  |  |  |  |  |
| 8 | Cash |  | 6,678 |  |
|  | Sales |  |  | 6,300 |
|  | Sales Tax Payable |  |  | 378 |
|  |  |  |  |  |
| 10 | Cash |  | 2,650 |  |
|  | Sales |  |  | 2,650 |
|  |  |  |  |  |
| 12 | Cash |  | 5,000 |  |
|  | Sales Discounts |  | 102 |  |
|  | Accounts Receivable |  |  | 5,102 |
|  | $(5,000 / .98=5,102)$ |  |  |  |
|  |  |  |  |  |
| 13 | Accounts Receivable |  | 10,240 |  |
|  | Sales |  |  | 10,000 |
|  | Cash |  |  | 240 |
|  |  |  |  |  |
| 14 | Sales Returns and Allowances |  | 1,000 |  |
|  | Accounts Receivable |  |  | 1,000 |
|  |  |  |  |  |

SOLUTIONS
LG 11-5, continued

| Date | Account | Post. <br> Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| March 14 | Cash |  | 725 |  |
|  | Sales |  |  | 725 |
|  |  |  |  |  |
| 15 | Accounts Receivable |  | 3,800 |  |
|  | Sales |  |  | 3,800 |
|  |  |  |  |  |
| 17 | Cash |  | 7,500 |  |
|  | Sales Discounts |  | 153 |  |
|  | Accounts Receivable |  |  | 7,653 |
|  | (7,500/.98 = 7,653) |  |  |  |
|  |  |  |  |  |
| 24 | Accounts Receivable |  | 34,200 |  |
|  | Sales |  |  | 34,200 |
|  | $(40,000 \times .95 \times .90=34,200)$ |  |  |  |
|  |  |  |  |  |
| 24 | Cash |  | 2,398 |  |
|  | Accounts Receivable |  |  | 2,398 |
|  |  |  |  |  |
| 29 | Cash |  | 10,240 |  |
|  | Accounts Receivable |  |  | 10,240 |
|  |  |  |  |  |
| 30 | Cash |  | 33,516 |  |
|  | Sales Discounts |  | 684 |  |
|  | Accounts Receivable |  |  | 34,200 |
|  |  |  |  |  |
| 31 | Cash |  | 3,147 |  |
|  | Accounts Receivable |  |  | 3,147 |
|  | $(11,800-1,000-7,653=3,147)$ |  |  |  |
|  |  |  |  |  |
| 31 | Sales |  | 225 |  |
|  | Sales Tax Payable |  |  | 225 |
|  | $(600+2,650+725=3,975) / 1.06=3,750$ sales |  |  |  |

Comment: Sales plus sales tax collected for computer supplies is $\$ 3,975$. This represents $106 \%$ of the sales amount, which is $\$ 3,750(\$ 3,975 / 1.06=\$ 3,750)$. The difference of $\$ 225$ is the sales tax that is removed from Sales.

## SOLUTIONS

## Reinforcement Problems

LG 11-6.

| June 11 | Purchases | 15,000 |  |
| :---: | :---: | :---: | :---: |
|  | Accounts Payable |  | 15,000 |
|  |  |  |  |
| 12 | Purchases | 9,000 |  |
|  | Freight-in | 200 |  |
|  | Accounts Payable |  | 9,200 |
|  |  |  |  |
| 15 | Accounts Payable | 1,000 |  |
|  | Purchase Returns and Allowances |  | 1,000 |
|  |  |  |  |
| 15 | Office Supplies | 2,000 |  |
|  | Accounts Payable |  | 2,000 |
|  |  |  |  |
| 17 | Purchases | 5,000 |  |
|  | Accounts Payable |  | 5,000 |
|  |  |  |  |
| 20 | Accounts Payable | 14,000 |  |
|  | Purchase Discounts |  | 280 |
|  | Cash |  | 13,720 |
|  | $(\$ 14,000 \times .98=13,720)$ |  |  |
|  |  |  |  |
| 22 | Accounts Payable | 9,200 |  |
|  | Purchase Discounts |  | 90 |
|  | Cash |  | 9,110 |
|  | $[(\$ 9,000 \times .99)+\$ 200=\$ 9,110]$ |  |  |
|  |  |  |  |
| 27 | Accounts Payable | 4,000 |  |
|  | Purchase Discounts |  | 80 |
|  | Cash |  | 3,920 |
|  | (\$3,920/.98 = \$4,000 invoice amount) |  |  |
|  |  |  |  |
| 29 | Freight-in | 150 |  |
|  | Cash |  | 150 |

LG 11-7.
a.

| Date | Account | Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| Oct. 3 | Purchases |  | 11,000 |  |
|  | Accounts Payable |  |  | 11,000 |
| 5 | Purchases |  | 2,700 |  |
|  | Accounts Payable |  |  | 2,700 |
| 9 | Purchases |  | 6,500 |  |
|  | Freight-in |  | 220 |  |
|  | Accounts Payable |  |  | 6,720 |
| 10 | Accounts Payable |  | 2,000 |  |
|  | Purchase Returns and Allowances |  |  | 2,000 |
| 12 | Purchases |  | 15,000 |  |
|  | Freight-in |  | 125 |  |
|  | Accounts Payable |  |  | 15,000 |
|  | Cash |  |  | 125 |
|  |  |  |  |  |
| 13 | Accounts Payable |  | 3,608 |  |
|  | Purchase Discounts |  |  | 108 |
|  | Cash |  |  | 3,500 |
|  |  |  |  |  |
| 19 | Accounts Payable |  | 6,720 |  |
|  | Purchase Discounts |  |  | 65 |
|  | Cash |  |  | 6,655 |
|  |  |  |  |  |
| 20 | Purchases |  | 10,000 |  |
|  | Accounts Payable |  |  | 10,000 |
|  |  |  |  |  |
| 22 | Accounts Payable |  | 7,500 |  |
|  | Purchase Discounts |  |  | 150 |
|  | Cash |  |  | 7,350 |
|  |  |  |  |  |

## SOLUTIONS

## LG 11-7, continued

| Date | Account | Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| Oct. 23 | Accounts Payable |  | 5,392 |  |
|  | Cash |  |  | 5,392 |
| 25 | Purchases |  |  |  |
|  | Accounts Payable |  | 12,500 |  |
|  |  |  | 10,000 | 12,500 |
| 29 | Accounts Payable |  |  |  |
|  | Purchase Discounts |  |  | 200 |
|  | Cash |  | 125 |  |
|  |  |  |  | 125 |
|  | Freight-in |  |  |  |
|  | Cash | 2,700 |  |  |
| 31 | Accounts Payable |  |  |  |
|  | Cash |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

a.

| Accounts <br> Receivable |  |
| :---: | :---: |
| 11,000 |  |
|  | 2,000 |
|  | 3,608 |
|  | 5,392 |

## LG 11-8.

a. $\$ 3,000+\$ 125,400=\$ 128,400$
h. $\$ 114,850-\$ 71,000=\$ 43,850$
b. $\$ 125,400-\$ 50,160=\$ 75,240$
i. $\$ 320,500-\$ 314,850=\$ 5,650$
c. $\$ 212,500-\$ 201,600=\$ 10,900$
j. $\$ 314,850-\$ 103,900=\$ 210,950$
d. $\$ 201,600-\$ 128,700=\$ 72,900$
k. $40 \%$
e. " $f$ " must be calculated first:
l. $36.2 \%$ $\$ 429,900+\$ 7,500=\$ 437,400$
m. 23.1\%
f. $\$ 99,200+\$ 330,700=\$ 429,900$
n. $38.2 \%$
g. $\$ 117,350-\$ 2,500=\$ 114,850$
o. $33 \%$

The most profitable company in dollars is the last company (\$103,900 of gross profit dollars).
However, the most profitable company as a percentage of sales dollars retained is the first company with a $40 \%$ gross profit percentage.

LG 11-9.
a.

| Beginning inventory. | 13,650 |  | \$4,000 |
| :---: | :---: | :---: | :---: |
| Purchases. |  |  |  |
| Less: |  |  |  |
| Purchase returns and allowances | 1,450 |  |  |
| Purchase discounts. | 250 | 1,700 |  |
| Net purchases . |  | 11,950 |  |
| Add: Freight-in |  | 400 |  |
| Cost of goods purchased. |  |  | 12,350 |
| Cost of goods available for sale |  |  | 16,350 |

b. The formula is: $\mathrm{BI}+\mathrm{P}-\mathrm{EI}=\mathrm{C}$ of GS

Solution: $4,000+12,350-3,750=12,600$

LG 11-10.
Buyer Company:

| Date | Account | Post. Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| April 1 | Purchases |  | 15,000 |  |
|  | Accounts Payable |  |  | 15,000 |
|  |  |  |  |  |
| 3 | Purchases |  | 9,000 |  |
|  | Freight-in |  | 200 |  |
|  | Accounts Payable |  |  | 9,200 |
|  |  |  |  |  |
| 4 | Accounts Payable |  | 5,000 |  |
|  | Purchase Returns and Allowances |  |  | 5,000 |
|  |  |  |  |  |
| 5 | Purchases |  | 5,000 |  |
|  | Accounts Payable |  |  | 5,000 |
|  |  |  |  |  |
| 6 | Equipment |  | 3,675 |  |
|  | Accounts Payable |  |  | 3,675 |
|  |  |  |  |  |
| 11 | Accounts Payable |  | 10,000 |  |
|  | Purchase Discounts |  |  | 200 |
|  | Cash |  |  | 9,800 |
|  |  |  |  |  |

## SOLUTIONS

LG 11-10, continued

| Date | Account | Post. <br> Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| April 13 | Accounts Payable |  | 9,200 |  |
|  | Purchase Discounts |  |  | 90 |
|  | Cash |  |  | 9,110 |
|  |  |  |  |  |
| 15 | Purchases |  | 17,100 |  |
|  | Accounts Payable |  |  | 17,100 |
|  |  |  |  |  |
| 15 | Accounts Payable |  | 4,000 |  |
|  | Purchase Discounts |  |  | 80 |
|  | Cash |  |  | 3,920 |
|  |  |  |  |  |
| 19 | Supplies |  | 525 |  |
|  | Cash |  |  | 525 |
|  |  |  |  |  |
| 20 | Purchases |  | 11,000 |  |
|  | Accounts Payable |  |  | 11,000 |
|  |  |  |  |  |
| 30 | Accounts Payable |  | 5,500 |  |
|  | Purchase Discounts |  |  | 110 |
|  | Cash |  |  | 5,390 |
|  |  |  |  |  |
| 31 | Accounts Payable |  | 1,000 |  |
|  | Cash |  |  | 1,000 |
|  |  |  |  |  |

Seller Company:

| Date | Account | Post. <br> Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| April 1 | Accounts Receivable |  | 15,000 |  |
|  | Sales |  |  | 15,000 |
|  |  |  |  |  |
| 3 | Accounts Receivable |  | 9,200 |  |
|  | Sales |  |  | 9,200 |
|  |  |  |  |  |

LG 11-10, continued

| Date | Account | Post. Ref. | Dr. | Cr. |
| :---: | :---: | :---: | :---: | :---: |
| April 4 | Sales Returns and Allowances |  | 5,000 |  |
|  | Accounts Receivable |  |  | 5,000 |
|  |  |  |  |  |
| 5 | Accounts Receivable |  | 5,000 |  |
|  | Sales |  |  | 5,000 |
|  |  |  |  |  |
| 6 | Accounts Receivable |  | 3,675 |  |
|  | Sales |  |  | 3,500 |
|  | Sales Tax Payable |  |  | 175 |
|  |  |  |  |  |
| 11 | Cash |  | 9,800 |  |
|  | Sales Discounts |  | 200 |  |
|  | Accounts Receivable |  |  | 10,000 |
|  |  |  |  |  |
| 13 | Cash |  | 9,110 |  |
|  | Sales Discounts |  | 90 |  |
|  | Accounts Receivable |  |  | 9,200 |
|  |  |  |  |  |
| 15 | Accounts Receivable |  | 17,100 |  |
|  | Sales |  |  | 17,100 |
|  |  |  |  |  |
| 15 | Cash |  | 3,920 |  |
|  | Sales Discounts |  | 80 |  |
|  | Accounts Receivable |  |  | 4,000 |
|  |  |  |  |  |
| 19 | Cash |  | 525 |  |
|  | Sales |  |  | 500 |
|  | Sales Tax Payable |  |  | 25 |
|  |  |  |  |  |
| 20 | Accounts Receivable |  | 11,000 |  |
|  | Sales |  |  | 11,000 |
|  |  |  |  |  |

## SOLUTIONS

LG 11-10, continued

| Date | Account | Post. <br> Ref. | Dr. | Cr. |
| :---: | :--- | :---: | :---: | :---: |
| April 30 | Cash |  | 5,390 |  |
|  | Sales Discounts |  | 110 |  |
|  | Accounts Receivable |  |  | 5,500 |
| 31 | Cash |  | 1,000 |  |
|  | Accounts Receivable |  |  | 1,000 |
|  |  |  |  |  |

## Comments:

October 6: Because in this case the buyer is the final user, sales tax is calculated on the purchase.
October 11: The balance due the original $\$ 15,000$ less the $\$ 5,000$ return. The discount therefore applies to $\$ 10,000$.
October 13: The discount does not apply to the shipping charges. The cash due is $\$ 200$ shipping charges plus ( $\$ 9,000 \times .99$ ) for a total of $\$ 9,110$.
October 15: The amount to pay after the chain discount is calculated as $\$ 20,000 \times .95 \times .9=$ \$17,100.
October 19: This is another taxable sale because the buyer company is the final user of the supplies.
October 23: This sale is FOB destination and there is no indication that the goods have arrived. Therefore, no purchase or sale should be recorded yet because title to the merchandise has not transferred from the seller to the buyer.
October 30: This is a payment on part of the invoice price, so the discount is calculated on the \$5,500.
October 31: The balance due is $\$ 5,000$ minus $\$ 4,000$ Accounts Payable reduction from the October 15 payment.

## SOLUTIONS Learning Goal 11, continued

## LG 11-11.

1. $\$ 10,000 \times .02=\$ 200$
2. $(\$ 10,000 / .98)-\$ 10,000=\$ 204.08$
3. Invoice price: $\$ 20,000 \times 85 \times .95=\$ 16,150$. Discount: $\$ 16,150 \times .02=\$ 323$.
4. The discount should not apply to the $\$ 20,000$ of merchandise that was returned.

Amount paid: $\quad \$ 50,000 \times .94=\$ 49,000$
Correct amount: $\$ 30,000 \times .98=\$ 29,400$
Credit on next purchase: $\quad \$ 19,600$
5. Payable to Westchester: $\quad \$ 15,000 \times .98=\$ 14,700$

Receivable from Westchester: $\$ 10,000 \times .99=\$ 9,900$
Net payment (within discount period): $\quad \$ 4,800$
6. The discount will not apply to any payment after June 13, the end of the discount period. Discount: $\$ 9,000 \times .02=\$ 180$.
Correct Accounts Payable balance: $\$ 12,000-\$ 9,000=\$ 3,000$.

