# 1 <br> Accounting Concepts and Procedures 

## ANSWERS TO DISCUSSION QUESTIONS AND

## CRITICAL THINKING/ETHICAL CASE

1. The functions of accounting are to analyze, record, classify, summarize, report, and interpret financial information.
2. Sole proprietorship-1 owner; unlimited liability; easy to form; limited life Partnership-2 or more owners; unlimited liability; easy to form; limited life Corporation—Stockholders; limited liability; difficult to form; unlimited life
3. Businesses are classified as service, merchandise, or manufacturing.
4. Computer technology has greatly reduced the time required for performing the bookkeeping function.
5. The three elements of the basic accounting equation are assets, liabilities, and owner's equity.
6. Capital is the owner's current investment or equity in the assets of a business. It is one subdivision of owner's equity.
7. True. The sum of the left side of the equation (assets) must equal the sum of the right side of the equation (liabilities and owner's equity).
8. False. That is the income statement.
9. False. Revenue is a subdivision of owner's equity.
10. Owner's equity is subdivided into Capital, Withdrawals, Revenue, and Expenses.
11. False. It is non-business expense of the owner; a subdivision of owner's equity. It is not a business expense.
12. False. As expenses increase, owner's equity decreases.
13. Revenue less Expenses; an income statement shows performance over time.
14. False. It calculates ending capital.
15. The question in this case is whether Paul should be allowed to "pad" his expense account with an additional $\$ 100$ of expenses. I feel that Paul should only be allowed to expense those items that are business related. Paul's argument that he is entitled to an additional $\$ 100$ is not a valid assumption. However, he should be reimbursed for any business expenses during the weekend.

## SOLUTIONS TO CONCEPT CHECKS

1. a. A
b. A
c. L
d. A
e. $O E$
f. A
2. a. Liabilities
b. Total Assets
c. Accounts Payable
3. a. I
b. $S$
4. 

Total assets $=$ Cash $\$ 31,000+$ Warehouse equipment $\$ 3,000=\$ 34,000$
5. b. J. Penny, Capital
d. J. Penny, Withdrawals
f. Advertising Expense
g. Taxi Fees Earned
6. c. Accounts Payable
d. Grooming Fees Earned
7. $a, b, d$
8. a. IS
b. BS
c. $B S$
d. BS
e. IS
f. IS
g. $O E$
h. BS
9. a. OE
b. BS
c. $B S$
d. IS

## SOLUTIONS TO SET A EXERCISES

1A-1. a. $\$ 30,000=\$ 8,000+\$ 22,000$
b. $\$ 105,000=\$ 7,000+\$ 98,000$
c. $\$ 25,000=\$ 11,000+\mathrm{OE}$

OE should be $\$ 14,000$
1A-2.

|  | Assets |  |  | $\mathbf{=}$ | Liabilities |
| :--- | :---: | :--- | :--- | :--- | :--- |
|  | Cash Owner's Equity |  |  |  |  |
|  | $+130,000$ | Equipment | $=$ | Accounts <br> Payable | Matty, Capital |
| a. | $(1,100)$ | $+1,100$ |  |  | $+130,000$ |
| b. |  | +950 | +950 |  |  |
| c. |  |  |  |  |  |

1A-3.
RIDEOUT COMPANY CLEANERS
BALANCE SHEET
NOVEMBER 30, 201X

| Assets |  |  |  |  |  | Liabilities and Owner's Equity |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash | \$71 | 0 | 0 | 0 |  |  | Liabilities |  |  |  |  |  |  |
| Equipment | 12 | 0 | 0 | 0 | 0 |  | Accounts Payable | \$15 | 1 | 0 |  | 0 |  |
|  |  |  |  |  |  |  | Total Liabilities | 15 | 1 | 0 |  | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Owner's Equity |  |  |  |  |  |  |
|  |  |  |  |  |  |  | B. Rideout, Capital | 67 | 9 | 0 |  | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Total Liabilities and |  |  |  |  |  |  |
| Total Assets | \$83 | 0 | 0 | 0 |  |  | Owner's Equity | \$83 | 0 | 0 |  | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## EXERCISES(CONTINUED)

## 1A-4.

ASSETS
= LIABILITIES + OWNER'S EQUITY


Remember, as withdrawals or expenses increase, the end result is to reduce owner's equity.

## EXERCISES (CONTINUED)

## 1A-5.

(a)

FREDERICK REALTY
INCOME STATEMENT
MONTH ENDED NOVEMBER 30, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Professional Fees |  |  |  |  |  | $\$ 3$ | 0 | 0 | 0 |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |
| Salaries Expense | $\$$ | 5 | 5 | 0 |  |  |  |  |  |  |
| Utilities Expense |  | 2 | 0 | 0 |  |  |  |  |  |  |
| Rent Expense |  | 8 | 0 | 0 |  |  |  |  |  |  |
| Total Operating Expenses |  |  |  |  |  | 1 | 1 | 5 | 5 |  |
| Net Income |  |  |  |  |  | 0 |  |  |  |  |
|  |  | $\$ 1$ | 4 | 5 | 0 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

(b)

FREDERICK REALTY
STATEMENT OF OWNER'S EQUITY MONTH ENDED NOVEMBER 30, 201X

| S. Frederick, Capital, November 1, 201X |  |  |  |  |  | $\$ 9$ | 0 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Net Income for November | $\$ 1$ | 4 | 5 | 0 |  |  |  |  |  |  |
| Less: Withdrawals for November |  | $(1)$ | 2 | 0 |  |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | 1 | 3 | 3 | 3 | 0 |
| S. Frederick, Capital, November 30, 201X |  |  |  |  |  | $\$ 10$ | 3 | 3 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

(c)

FREDERICK REALTY
BALANCE SHEET
NOVEMBER 30, 201X
Assets

| Cash | $\$ 4$ | 8 | 0 | 0 |  | Liabilities |  |  |  |  |  |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Accounts Receivable | 1 | 2 | 3 | 0 |  | Accounts Payable | $\$ 4$ | 0 | 0 | 0 |  |
| Office Equipment | 8 | 3 | 0 | 0 |  | Owner's Equity |  |  |  |  |  |
|  |  |  |  |  |  | S. Frederick, Capital | 10 | 3 | 3 | 0 |  |
|  |  |  |  |  |  | Total Liabilities and |  |  |  |  |  |
|  | $\$ 14$ | 3 | 3 | 0 |  | Owner's Equity | $\$ 14$ | 3 | 3 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

1B-1.
a. $\$ 27,000=\$ 7,000+\$ 20,000$
b. $\$ 85,000=\$ 12,000+\$ 73,000$
c. $\$ 30,000=\$ 5,000+\$ 25,000$

1B-2.

|  | Assets |  | $=$ | Liabilities + Owner's Equity |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Cash |  |  | Equipment <br> Payable | Mandy, Capital |
|  | $+114,000$ |  |  | $+114,000$ |  |
| a. | $(1,600)$ | $+1,600$ |  |  |  |
| b. |  | $+1,150$ | $+1,150$ |  |  |
| c. |  |  |  |  |  |

1B-3.
ROLLAND COMPANY CLEANERS
BALANCE SHEET
JUNE 30, 201X


## EXERCISES(CONTINUED)

## 1B-4.

ASSETS $=$ LIABILITIES + OWNER'S EQUITY

|  | Cash | Accounts $+\quad$ Rec. | $+$ | Computer Equip. |  | Accounts Payable | + | B. <br> Bell, Capital |  | B. <br> Bell, Withdr. | + | Revenues | - | Expenses |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. | +45,000 |  |  |  |  |  |  | +45,000 |  |  |  |  |  |  |
| b. |  |  |  | +9,500 |  | +9,500 |  |  |  |  |  |  |  |  |
| c. | (75) |  |  |  |  |  |  |  |  | +75 |  |  |  |  |
| d. | +14,100 |  |  |  |  |  |  |  |  |  |  | +14,100 |  |  |
| e. |  | +29,600 |  |  |  |  |  |  |  |  |  | +29,600 |  |  |
| f. | $(3,400)$ |  |  |  |  |  |  |  |  |  |  |  |  | +3,400 |
| g. | $(1,500)$ |  |  |  |  |  |  |  |  |  |  |  |  | +1,500 |

Remember, as withdrawals or expenses increase, the end result is to reduce owner's equity.

## EXERCISES (CONTINUED)

1B-5.
(a)

FRENCH REALTY INCOME STATEMENT MONTH ENDED SEPTEMBER 30, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Professional Fees |  |  |  |  |  |  | \$3 |  | 4 | 0 | 0 | 0 |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Salaries Expense | \$ | 4 | 2 |  |  |  |  |  |  |  |  |  |  |
| Utilities Expense |  | 3 | 0 |  |  |  |  |  |  |  |  |  |  |
| Rent Expense |  | 4 | 7 |  |  |  |  |  |  |  |  |  |  |
| Total Operating Expenses |  |  |  |  |  |  | 1 |  | 2 | 0 | 0 | 0 |  |
| Net Income |  |  |  |  |  |  | \$2 |  | 2 | 0 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

(b)

FRENCH REALTY
STATEMENT OF OWNER'S EQUITY MONTH ENDED SEPTEMBER 30, 201X

| S. French, Capital, September 1, 201X |  |  |  |  | $\$ 6$ | 0 | 5 | 0 |  |  |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Net Income for September | $\$ 2$ | 2 | 0 | 0 |  |  |  |  |  |  |
| Less: Withdrawals for September |  | $(2$ | 0 | $0)$ |  |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | 2 | 0 | 0 | 0 |  |
| S. French, Capital, September 30, 201X |  |  |  |  | $\$ 8$ | 0 | 5 | 0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

(c)

FRENCH REALTY
BALANCE SHEET
SEPTEMBER 30, 201X

| ASSETS |  |  |  |  | LIABILITIES AND OWNER'S EQUITY |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash | \$2 | 9 | 0 | 0 | Liabilities |  |  |  |  |  |
| Accounts Receivable | 1 | 7 | 5 | 0 | Accounts Payable | \$7 | 0 | 0 | 0 |  |
| Office Equipment | 10 | 4 | 0 | 0 | Owner's Equity |  |  |  |  |  |
|  |  |  |  |  | S. French, Capital | 8 | 0 | 5 | 0 |  |
|  |  |  |  |  | Total Liabilities and |  |  |  |  |  |
| Total Assets | \$15 | 0 | 5 | 0 | Owner's Equity | \$15 | 0 | 5 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |

## SOLUTIONS TO SET A PROBLEMS

## PROBLEM 1A-1

> MORGAN'S NAIL SPA

| Transaction | Assets $=$ |  |  | Liabilities + |
| :--- | :---: | :--- | :--- | :--- |
|  | Cash | Store Equipment | Accounts <br> Payable | M. Amberson, <br> Capital |
| a. | $+16,000$ |  |  | $+16,000$ |
| b. | $(3,700)$ | $+3,700$ |  |  |
| c. |  | $+6,050$ | $+6,050$ |  |
| d. | $(600)$ |  | $(600)$ |  |
| Total | $\underline{\underline{11,700}}$ | $\underline{\underline{9,750}}$ | $\underline{\underline{5,450}}$ | $\underline{\underline{16,000}}$ |

## PROBLEM 1A-2

## SHEA'S INTERNET SERVICE <br> BALANCE SHEET <br> JUNE 30, 201X

ASSETS
LIABILITIES AND OWNER'S EQUITY

| Cash | $\$ 38$ | 0 | 0 | 0 |  | Liabilities |  |  |  |  |  |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Equipment | 39 | 0 | 0 | 0 |  | Accounts Payable | $\$ 14$ | 0 | 0 | 0 |  |
| Building | 55 | 0 | 0 | 0 |  |  |  |  |  |  |  |
|  |  |  |  |  |  | Owner's Equity |  |  |  |  |  |
|  |  |  |  |  |  | Shea, Capital | 118 | 0 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Total Liabilities and |  |  |  |  |  |  |
|  | $\$ 132$ | 0 | 0 | 0 |  | Owner's Equity | $\$ 132$ | 0 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

## PROBLEM 1A-3

FONTAN COMPUTER SERVICE

|  | ASSETS |  |  | = LIABILITIES + |  |  | OWNER'S EQUITY |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cash | + | Accounts <br> Receivable + | Office Equipment $=$ | Accounts Payable | R. Fontan, Capital | R. <br> Fontan, - Withd. | $\begin{gathered} \text { Computer } \\ \quad \text { Service } \\ +\quad \text { Revenue } \\ \hline \end{gathered}$ | Expenses |
| a. | +25,000 |  | + |  | + | +25,000 | - + | + |  |
| BALANCE | 25,000 | + | 0 + | $0=$ | 0 + | 25,000 | 0 | + 0 | 0 |
| b. |  | + | + | +2,500 $=$ | +2,500 + |  | - + | + |  |
| BALANCE | 25,000 | + | 0 + | 2,500= | 2,500 + | 25,000 | 0 | 0 | 0 |
| c. | +800 |  | + | = | + |  | - + | +800 |  |
| BALANCE | 25,800 | + | 0 + | 2,500 $=$ | 2,500 + | 25,000 | 0 | 800 | 0 |
| d. |  | + | +2,100 + | = | + |  |  | +2,100 |  |
| BALANCE | 25,800 |  | 2,100 + | 2,500 $=$ | 2,500 + | 25,000 |  | 2,900 | 0 |
| e. | (275) | + | + | = | + |  | - + | + | +275 |
| BALANCE | 25,525 | + | 2,100 + | 2,500 $=$ | 2,500 + | 25,000 | 0 | 2,900 | 275 |
| f. | (170) |  | + | = | + |  | - + | + | +170 |
| BALANCE | 25,355 |  | 2,100 + | 2,500= | 2,500 + | 25,000 | 0 | 2,900 | 445 |
| g. |  | + | + | = | +1,200 + |  |  | + | +1,200 |
| BALANCE | 25,355 |  | 2,100 + | 2,500 $=$ | 3,700 + | 25,000 | 0 | + 2,900 | 1,645 |
| h. | (700) |  | + | = | + |  | + 700 | + |  |
| ENDING BALANCE | 24,655 |  | 2,100 + | 2,500 $=$ | 3,700 + | 25,000 | 700 | + 2,900 | - 1,645 |



## PROBLEM 1A-4

(a)

WILLIAMS HOME DECORATING SERVICE INCOME STATEMENT
MONTH ENDED SEPTEMBER 30, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Home Decorating Fees |  |  |  |  |  | $\$ 2$ | 7 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |
| Advertising Expense | $\$$ | 2 | 5 | 5 |  |  |  |  |  |  |
| Repair Expense |  |  | 4 | 5 |  |  |  |  |  |  |
| Travel Expense |  | 6 | 5 | 0 |  |  |  |  |  |  |
| Supplies Expense |  | 1 | 1 | 5 |  |  |  |  |  |  |
| Rent Expense |  | 1 | 5 | 0 |  |  |  |  |  |  |
| Total Operating Expenses |  |  |  |  |  |  | 1 | 2 | 1 | 5 |
| Net Income |  |  |  |  |  | $\$ 1$ | 4 | 8 | 5 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(b)

WILLIAMS HOME DECORATING SERVICE STATEMENT OF OWNER'S EQUITY MONTH ENDED SEPTEMBER 30, 201X

| J. Williams, Capital, September 1, 201X |  |  |  |  |  | $\$ 2$ | 5 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Net Income for September | $\$ 1$ | 4 | 8 | 5 |  |  |  |  |  |  |
| Less: Withdrawals for September |  | $(3$ | 0 | $0)$ |  |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | 1 | 1 | 8 | 5 |  |
| J. Williams, Capital, September 30, 201X |  |  |  |  |  | $\$ 3$ | 6 | 8 | 5 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(c)

WILLIAMS HOME DECORATING SERVICE
BALANCE SHEET
SEPTEMBER 30, 201X
ASSETS

| Cash | $\$ 2$ | 1 | 0 | 0 |  | Liabilities |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Accounts Receivable | 1 | 0 | 5 | 0 |  | Accounts Payable | $\$$ | 4 | 5 | 0 |  |
| Decorating Equipment |  | 9 | 8 | 5 |  |  |  |  |  |  |  |
|  |  |  |  |  |  | Owner's Equity |  |  |  |  |  |
|  |  |  |  |  |  |  | J. Williams, Capital | 3 | 6 | 8 | 5 |
|  |  |  |  |  |  | Total Liabilities and |  |  |  |  |  |
|  | $\$ 4$ | 1 | 3 | 5 |  | Owner's Equity | $\$ 4$ | 1 | 3 | 5 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

TANSON'S CATERING SERVICE

|  | Cash + | Accounts Receivable | Equipment = | Accounts Payable | Tanson, Capital | Tanson, Withd | Catering Revenue - | Expenses |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10/25 | +20,000 + |  | + | + | +20,000 - |  | - |  |
| BALANCE | 20,000 + | 0 |  | 0 + | 20,000 | 0 | 0 | 0 |
| $10 / 27$ | $(2,300)+$ |  | +2,300 | + |  |  | - |  |
| BALANCE | 17,700 + | 0 | 2,300 $=$ | 0 + | 20,000 | 0 | 0 | 0 |
| 10/28 | + |  | +2,000 | +2,000 + |  |  |  |  |
| BALANCE | 17,700 + | 0 | 4,300 $=$ | 2,000 + | 20,000 | 0 | 0 | 0 |
| 10/29 | (900) + |  |  | (900) + |  |  |  |  |
| BALANCE | 16,800 + | 0 | 4,300 $=$ | 1100 + | 20,000 | 0 | 0 | 0 |
| 11/1 | +1,300 + |  |  | + | - |  | +1,300 |  |
| BALANCE | 18,100 + | 0 | 4,300 $=$ | 1,100 + | 20,000 | 0 | 1,300 | 0 |
| 11/5 | (800) + |  |  | + | - - |  | - | +800 |
| BALANCE | 17,300 + | 0 | 4,300 $=$ | 1,100 + | 20,000 | 0 | 1,300 | 800 |
| 11/8 | + | +500 |  | + | - |  | +500 |  |
| BALANCE | 17,300 + | 500 | 4,300 $=$ | 1100 + | 20,000 | 0 | 1,800 - | 800 |
| 11/10 | +250 + | (250) |  | + |  |  |  |  |
| BALANCE | 17,550 + | 250 | 4,300 $=$ | 1,100 + | 20,000 | 0 | 1,800 | 800 |
| 11/15 | (400) + |  |  | + |  |  | - | +400 |
| BALANCE | 17,150 + | 250 | 4,300 $=$ | 1,100 + | 20,000 | 0 | 1,800 | 1,200 |
| 11/17 | (160) + |  | + | + |  | +160 | - |  |
| BALANCE | 16,990 + | 250 | 4,300 $=$ | 1,100 + | 20,000 | 160 | 1,800 | 1,200 |
| 11/20 | +1,800 + |  |  | + | - |  | +1,800 |  |
| BALANCE | 18,790 + | 250 | 4,300 $=$ | 1,100 + | 20,000 | 160 | 3,600 | 1,200 |
| 11/25 | + |  | +1,200 | +1,200 + |  |  |  |  |
| BALANCE | 18,790 + | 250 | 5,500 $=$ | 2,300 + | 20,000 - | 160 | 3,600 - | 1,200 |
| 11/28 | $\xrightarrow{+}$ |  |  | +650 + | - |  | - | +650 |
| BALANCE | 18,790 + | 250 | 5,500 $=$ | 2,950 + | 20,000 - | 160 | 3,600 - | 1,850 |
| 11/30 | (300) + |  |  | + | - |  | - | +300 |
| END BAL. | 18,490 + | 250 | 5,500 $=$ | 2,950 + | 20,000 - | 160 | 3,600 - | 2,150 |

## PROBLEM 1A-5 (CONTINUED)

(b)

TANSON'S CATERING SERVICE
BALANCE SHEET
OCTOBER 31, 201X
ASSETS
LIABILITIES AND OWNER'S EQUITY

| Cash | \$16 | 8 | 0 | 0 | 0 |  | Liabilities |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Equipment |  | 3 | 0 | 0 | 0 |  | Accounts Payable | \$1 | 1 | 10 | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Owner's Equity |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | J. Tanson, Capital | 20 | 0 | 0 | 0 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Total Liabilities and |  |  |  |  |  |  |  |
| Total Assets | \$21 | 1 | 0 | 0 | 0 |  | Owner's Equity | \$21 | 1 |  | 0 | 0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

(c)

TANSON'S CATERING SERVICE INCOME STATEMENT
MONTH ENDED NOVEMBER 30, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Catering Revenue |  |  |  |  |  | $\$ 3$ | 6 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |
| Salaries Expense | $\$$ | 8 | 0 | 0 |  |  |  |  |  |  |
| Telephone Expense |  | 4 | 0 | 0 |  |  |  |  |  |  |
| Rent Expense |  | 6 | 5 | 0 |  |  |  |  |  |  |
| Supplies Expense |  | 3 | 0 | 0 |  |  |  |  |  |  |
| Total Operating Expenses |  |  |  |  |  | 2 | 1 | 5 | 0 |  |
| Net Income |  |  |  |  |  | $\$ 1$ | 4 | 5 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |

## PROBLEM 1-5A(CONCLUDED)

(d)

TANSON'S CATERING SERVICE STATEMENT OF OWNER'S EQUITY MONTH ENDED NOVEMBER 30, 201X

| J. Tanson, Capital November 1, 201X |  |  |  |  |  | $\$ 20$ | 0 | 0 | 0 |  |
| :--- | ---: | :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | :--- |
| Net Income for November | $\$ 1$ | 4 | 5 | 0 |  |  |  |  |  |  |
| Less: Withdrawals for November |  | $(1$ | 6 | $0)$ |  |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | 1 | 2 | 9 | 0 |  |
| J. Tanson, Capital, November 30, 201X |  |  |  |  |  | $\$ 21$ | 2 | 9 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(e)

TANSON'S CATERING SERVICE
BALANCE SHEET
November 30, 201X
ASSETS
LIABILITIES AND OWNER'S EQUITY


## SOLUTIONS TO SET B PROBLEMS

## PROBLEM 1B-1

## MANDY'S NAIL SPA

| Transaction | Assets |  |  | Liabilities |
| :--- | :---: | :--- | :--- | :--- |
|  | Cash | Store Equipment | Accounts <br> Payable | M. Anabelle, <br> Capital |
| a. | $+21,000$ |  |  | $+21,000$ |
| b. | $(3,500)$ | $+3,500$ |  |  |
| c. | $(1,000)$ | $+5,750$ | $+5,750$ |  |
| d. | $\underline{\underline{9,500}}$ | $\underline{\underline{9,250}}$ | $\underline{4,750}$ | $\underline{\underline{21,000}}$ |
| Total |  |  |  |  |

PROBLEM 1B-2

## SEALY'S INTERNET SERVICE <br> BALANCE SHEET <br> NOVEMBER 30, 201X

## ASSETS

LIABILITIES AND OWNER'S EQUITY

| Cash | \$55 | 0 | 0 |  | 0 |  | Liabilities |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Equipment | 14 | 0 | 0 |  | 0 |  | Accounts Payable | \$15 | 5 |  | 0 | 0 | 0 |  |
| Building | 50 | 0 | 0 |  | 0 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Owner's Equity |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Sealy, Capital | 103 | 5 |  | 0 | 0 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Total Liabilities and |  |  |  |  |  |  |  |
| Total Assets | \$119 | 0 | 0 |  | 0 |  | Owner's Equity | \$119 | 0 |  | 0 |  | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

RED FUMAN COMPUTER SERVICE


WU HOME DECORATING SERVICE INCOME STATEMENT
MONTH ENDED JUNE 30, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Home Decorating Fees |  |  |  |  |  | $\$ 2$ | 4 | 0 | 0 |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |
| Advertising Expense |  |  |  |  |  |  |  |  |  |  |
| Repair Expense | $\$$ | 1 | 8 | 5 |  |  |  |  |  |  |
| Travel Expense |  |  | 4 | 0 |  |  |  |  |  |  |
| Supplies Expense |  | 1 | 1 | 0 |  |  |  |  |  |  |
| Rent Expense |  | 1 | 3 | 5 |  |  |  |  |  |  |
| Total Operating Expenses |  | 3 | 0 | 0 |  |  |  |  |  |  |
| Net Income |  |  |  |  |  |  | 7 | 7 | 0 |  |
|  |  |  |  |  |  | $\$ 1$ | 6 | 3 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(b)

WU HOME DECORATING SERVICE
STATEMENT OF OWNER'S EQUITY
MONTH ENDED JUNE 30, 201X

| J. Wu, Capital, June 1, 201X |  |  |  |  |  | $\$ 1$ | 2 | 1 | 5 |  |
| :--- | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income for June | $\$ 1$ | 6 | 3 | 0 |  |  |  |  |  |  |
| Less: Withdrawals for June |  | $(4$ | 0 | 0 |  |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | 1 | 2 | 3 | 0 |  |
| J. Wu, Capital, June 30, 201X |  |  |  |  |  | $\$ 2$ | 4 | 4 | 5 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(c)

## WU HOME DECORATING SERVICE <br> BALANCE SHEET <br> JUNE 30, 201X

ASSETS
LIABILITIES AND OWNER'S EQUITY

| Cash | \$1 | 7 |  | 0 | 0 |  | Liabilities |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Accounts Receivable |  | 6 | 6 | 0 | 0 |  | Accounts Payable | \$1 | 1 |  | 4 | 0 | 0 |  |
| Decorating Equipment | 1 | 2 | 2 | 8 | 5 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Owner's Equity |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | J. Wu, Capital | 2 | 4 |  | 4 |  | 5 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Total Liabilities and |  |  |  |  |  |  |  |
| Total Assets | \$3 | 5 | 5 | 8 | 5 |  | Owner's Equity | \$3 | 5 |  | 8 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

PROBLEM 1B-5
THILDORE'S CATERING SERVICE

|  |  |  | ASSETS |  |  |  | LIABILITIES + |  |  | OWNER | R'S | EQUITY |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cash | + | Accounts Receivable |  | Equipment |  | Accounts <br> Payable | Thildore, Capital | - | Thildore, Withd | + | Catering Revenue - | Expenses |
| 10/25 | +25,000 | + |  | + |  | = | + | +25,000 | - |  | + | - |  |
| BALANCE | 25,000 | + | 0 | + | 0 | = | 0 + | 25,000 | - | 0 | + | 0 | 0 |
| 10/27 | $(1,200)$ | + |  | + | +1,200 |  | + |  |  |  | + |  |  |
| BALANCE | 23,800 | $+$ | 0 | + | 1,200 | $=$ | 0 + | 25,000 | - | 0 | + | 0 | 0 |
| 10/28 |  | + |  | + | +800 | = | +800 + |  |  |  | + |  |  |
| BALANCE | 23,800 | + | 0 | + | 2,000 | = | 800 + | 25,000 | - | 0 | + | 0 | 0 |
| 10/29 | (400) | + |  | + |  |  | $(400)+$ |  |  |  | + |  |  |
| BALANCE | 23,400 | + | 0 | + | 2,000 |  | 400 + | 25,000 | - | 0 | + | 0 | 0 |
| 11/1 | +2,200 | + |  | + |  | $=$ | + |  | - |  | + | +2,200 |  |
| BALANCE | 25,600 | + | 0 | + | 2,000 | = | 400 + | 25,000 | - | 0 | + | 2,200 | 0 |
| 11/5 | (550) | + |  | + |  | - | + |  | - |  | + | - | +550 |
| BALANCE | 25,050 | + | 0 | + | 2,000 |  | 400 + | 25,000 | - | 0 | + | 2,200 - | 550 |
| 11/8 |  | + | +250 | + |  |  | + |  | - |  | + | +250 |  |
| BALANCE | 25,050 | + | 250 | + | 2,000 |  | 400 + | 25,000 | - | 0 | + | 2,450 - | 550 |
| 11/10 | +80 | + | (80) | + |  |  | + |  |  |  | + |  |  |
| BALANCE | 25,130 | + | 170 | + | 2,000 |  | 400 + | 25,000 | - | 0 | + | 2,450 | 550 |
| 11/15 | (50) | $+$ |  | + |  |  | + |  |  |  | + | - | +50 |
| BALANCE | 25,080 | $+$ | 170 | + | 2,000 |  | 400 + | 25,000 | - | 0 | + | 2,450 | 600 |
| 11/17 | (120) | + |  | + |  |  | + |  | - | +120 | + | - |  |
| BALANCE | 24,960 | + | 170 | + | 2,000 |  | 400 + | 25,000 | - | 120 | + | 2,450 | 600 |
| 11/20 | +2,500 | + |  | + |  |  | + |  | - |  | + | +2,500 |  |
| BALANCE | 27,460 | + | 170 | + | 2,000 |  | 400 + | 25,000 | - | 120 | + | 4,950 | 600 |
| 11/25 |  | + |  | + | +1,300 |  | +1,300 + |  | - |  | + | - |  |
| BALANCE | 27,460 | + | 170 | + | 3,300 |  | 1,700 + | 25,000 | - | 120 | + | 4,950 - | 600 |
| 11/28 |  | + |  | + |  |  | +650 + |  | - |  | + | - | +650 |
| BALANCE | 27,460 | + | 170 | + | 3,300 |  | 2,350 + | 25,000 | - | 120 | + | 4,950 - | 1,250 |
| 11/30 | (550) |  |  | + |  |  | + |  | - |  | + | - | +550 |
| END BAL. | 26,910 | + | 170 | + | 3,300 |  | 2,350 + | 25,000 |  | 120 | + | 4,950 - | 1,800 |
|  |  |  |  |  | \$30,380 |  | \$30,380 |  |  |  |  |  |  |

## PROBLEM 1B-5 (CONTINUED)

(b)

THILDORE'S CATERING SERVICE
BALANCE SHEET OCTOBER 31, 201X

ASSETS LIABILITIES AND OWNER'S EQUITY

(c)

THILDORE'S CATERING SERVICE INCOME STATEMENT
MONTH ENDED NOVEMBER 30, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Catering Revenue |  |  |  |  |  | $\$ 4$ | 9 | 5 | 0 |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |
| Salaries Expense |  |  |  |  |  |  |  |  |  |  |
| Telephone Expense | $\$$ | 5 | 5 | 0 |  |  |  |  |  |  |
| Rent Expense |  |  | 5 | 0 |  |  |  |  |  |  |
| Supplies Expense |  | 6 | 5 | 0 |  |  |  |  |  |  |
|  |  | 5 | 5 | 0 |  |  |  |  |  |  |
| Total Operating Expenses |  |  |  |  |  |  |  |  |  |  |
| Net Income |  |  |  |  |  | 1 | 8 | 0 | 0 |  |
|  |  |  |  |  |  | $\$ 3$ | 1 | 5 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(d)

THILDORE'S CATERING SERVICE STATEMENT OF OWNER'S EQUITY MONTH ENDED NOVEMBER 30, 201X

| J. Thildore, Capital, November 1, 201X |  |  |  |  |  | $\$ 25$ | 0 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Net Income for November | $\$ 3$ | 1 | 5 | 0 |  |  |  |  |  |  |
| Less: Withdrawals for November |  | $(1)$ | 2 | $0)$ |  |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | 3 | 0 | 3 | 0 |  |
| J. Thildore, Capital, November 30, 201X |  |  |  |  |  | $\$ 28$ | 0 | 3 | 0 |  |
|  |  |  |  |  |  |  |  |  |  |  |

(e)

THILDORE'S CATERING SERVICE
BALANCE SHEET
NOVEMBER 30, 201X
ASSETS
LIABILITIES AND OWNER'S EQUITY

| Cash | $\$ 26$ | 9 | 1 | 0 |  | Liabilities |  |  |  |  |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Accounts Receivable |  | 1 | 7 | 0 |  | Accounts Payable | $\$ 2$ | 3 | 5 | 0 |
|  | 3 | 3 | 0 | 0 |  |  |  |  |  |  |
| Equipment |  |  |  |  |  |  | J. Thildore, Capital |  | 28 | 0 |
|  |  |  |  |  |  |  | 0 |  |  |  |
|  | $\$ 30$ | 3 | 8 | 0 |  | Otal Liabilities and |  |  |  |  |
|  |  | Owner's Equity | $\$ 30$ | 3 | 8 | 0 |  |  |  |  |
| Total Assets |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

FINANCIAL REPORT PROBLEM SOLUTION—2013 Kellogg's Annual Report

| YEAR | Cash and Cash Equivalents |
| :--- | :--- |
| 2013 | $\mathbf{\$ 2 7 3}$ million |
| 2012 | $\mathbf{\$ 2 8 1 \text { million }}$ |
| Decrease | $\underline{(\$ 8 \text { million) })}$ |

Cash and cash equivalents decreased \$8 million from 2012 to 2013.
SMITH COMPUTER CENTER
ASSETS


## SMITH COMPUTER CENTER

 INCOME STATEMENTFOR THE MONTH ENDED JULY 31, 201X

| Revenue: |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Service Revenue |  |  |  |  |  | $\$ 3$ | 2 | 0 | 0 | 00 |
|  |  |  |  |  |  |  |  |  |  |  |
| Operating Expenses: |  |  |  |  |  |  |  |  |  |  |
| Rent Expense | $\$$ | 5 | 0 | 0 | 00 |  |  |  |  |  |
| Utilities Expense |  |  | 7 | 5 | 00 |  |  |  |  |  |
| Total Operating Expenses |  |  |  |  |  |  | 5 | 7 | 5 | 00 |
| Net Income |  |  |  |  | $\$ 2$ | 6 | 2 | 5 | 00 |  |
|  |  |  |  |  |  |  |  |  |  |  |

SMITH COMPUTER CENTER STATEMENT OF OWNER'S EQUITY FOR MONTH ENDED JULY 31, 201X

| T. Feldman, Capital, July 1, 201X |  |  |  |  |  | $\$$ |  |  | 0 | 00 |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| Investment for July |  |  |  |  |  | 6 | 0 | 0 | 0 | 00 |
| Total investment for July |  |  |  |  |  | 6 | 0 | 0 | 0 | 00 |
| Net Income for July | $\$ 2$ | 6 | 2 | 5 | 00 |  |  |  |  |  |
| Less: Withdrawals for July |  | $(1)$ | 7 | 5 | $00)$ |  |  |  |  |  |
| Increase in Capital |  |  |  |  |  | $\$ 2$ | 4 | 5 | 0 | 00 |
| T. Feldman, Capital, July 31, 201X |  |  |  |  |  | $\$ 8$ | 4 | 5 | 0 | 00 |
|  |  |  |  |  |  |  |  |  |  |  |

## SMITH COMPUTER CENTER <br> BALANCE SHEET <br> JULY 31, 201X

ASSETS LIABILITIES AND OWNER'S EQUITY

| Cash | $\$ 3$ | 4 | 2 | 5 | 00 | Liabilities: |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Supplies |  | 2 | 0 | 0 | 00 | Accounts Payable | $\$$ | 2 | 7 | 5 |
| Computer Shop Equipment | 1 | 8 | 0 | 0 | 00 |  |  | 00 |  |  |
| Office Equipment | 3 | 3 | 0 | 0 | 00 | Owner's Equity |  |  |  |  |
|  |  |  |  |  |  | T. Feldman, Capital | 8 | 4 | 5 | 0 |
|  |  |  |  |  |  | Total Liabilities and |  |  | 00 |  |
|  | $\$ 8$ | 7 | 2 | 5 | 00 | Owner's Equity | $\$ 8$ | 7 | 2 | 5 |
| Total Assets |  |  |  |  |  |  | 00 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

