

# CHAPTER 12

## Accounting for Partnerships

### ASSIGNMENT CLASSIFICATION TABLE

Learning Objectives	Questions	Brief Exercises	Do It!	Exercises	A Problems	B Problems
1. Identify the characteristics of the partnership form of business organization.	1, 2, 3, 4, 17		1	1		
2. Explain the accounting entries for the formation of a partnership.	5	1, 2		2, 3	1A	1B
3. Identify the bases for dividing net income or net loss.	6, 7, 8, 9, 10	3, 4, 5	2	4, 5	2A	2B
4. Describe the form and content of partnership financial statements.	11			6, 7	1A, 2A	1B, 2B
5. Explain the effects of the entries to record the liquidation of a partnership.	12, 13, 14, 15, 16	6	3, 4	8, 9, 10	3A	3B
*6. Explain the effects of the entries when a new partner is admitted.	18, 19, 20, 21	7, 8		11, 12, 15	4A	4B
*7. Describe the effects of the entries when a partner withdraws from the firm.	22, 23, 24	9, 10		13, 14, 15	5A	5B

**\*Note:** All **asterisked** Questions, Exercises, and Problems relate to material contained in the appendix to the chapter.

## ASSIGNMENT CHARACTERISTICS TABLE

<b>Problem Number</b>	<b>Description</b>	<b>Difficulty Level</b>	<b>Time Allotted (min.)</b>
1A	Prepare entries for formation of a partnership and a balance sheet.	Simple	20–30
2A	Journalize divisions of net income and prepare a partners' capital statement.	Moderate	30–40
3A	Prepare entries with a capital deficiency in liquidation of a partnership	Moderate	30–40
*4A	Journalize admission of a partner under different assumptions.	Moderate	30–40
*5A	Journalize withdrawal of a partner under different assumptions.	Moderate	30–40
1B	Prepare entries for formation of a partnership and a balance sheet.	Simple	30–40
2B	Journalize divisions of net income and prepare a partners' capital statement.	Moderate	30–40
3B	Prepare entries and schedule of cash payments in liquidation of a partnership.	Moderate	30–40
*4B	Journalize admission of a partner under different assumptions.	Moderate	30–40
*5B	Journalize withdrawal of a partner under different assumptions.	Moderate	30–40

**WEYGANDT ACCOUNTING PRINCIPLES 11E**  
**CHAPTER 12**  
**ACCOUNTING FOR PARTNERSHIPS**

<b>Number</b>	<b>LO</b>	<b>BT</b>	<b>Difficulty</b>	<b>Time (min.)</b>
BE1	2	AP	Simple	2–4
BE2	2	AP	Simple	3–5
BE3	3	AP	Simple	4–6
BE4	3	AP	Simple	4–6
BE5	3	AP	Simple	6–8
BE6	5	AP	Simple	2–4
BE7	6	AP	Simple	2–4
BE8	6	AP	Simple	3–5
BE9	7	AP	Simple	2–4
BE10	7	AP	Simple	3–5
DI1	1	C	Simple	2–4
DI2	3	AP	Simple	4–6
DI3	5	AP	Simple	8–10
DI4	5	AP	Moderate	6–8
EX1	1	C	Simple	6–8
EX2	2	AP	Simple	6–8
EX3	2	AP	Simple	4–6
EX4	3	AP	Simple	10–12
EX5	3	AP	Simple	8–10
EX6	4	AP	Simple	6–8
EX7	4	AP	Simple	8–10
EX8	5	AP	Simple	6–8
EX9	5	AP	Simple	6–8
EX10	5	AP	Simple	6–8
EX11	6	AP	Simple	4–6
EX12	6	AP	Simple	6–8
EX13	7	AP	Simple	4–6
EX14	7	AP	Moderate	8–10
EX15	6, 7	AP	Moderate	6–8
P1A	2, 4	AP	Simple	20–30
P2A	3, 4	AP	Moderate	30–40
P3A	5	AP	Moderate	30–40

## ACCOUNTING FOR PARTNERSHIPS (Continued)

<b>Number</b>	<b>LO</b>	<b>BT</b>	<b>Difficulty</b>	<b>Time (min.)</b>
P4A	6	AP	Moderate	30–40
P5A	7	AP	Moderate	30–40
P1B	2, 4	AP	Simple	20–30
P2B	3, 4	AP	Moderate	30–40
P3B	5	AP	Moderate	30–40
P4B	6	AP	Moderate	30–40
P5B	7	AP	Moderate	30–40
BYP1	—	C	Simple	8–10
BYP2	1–3	C, E	Simple	15–20
BYP3	1, 2, 5	S	Simple	10–15
BYP4	3	E	Simple	10–15
BYP5	1	S	Simple	15–20

Correlation Chart between Bloom's Taxonomy, Learning Objectives and End-of-Chapter Exercises and Problems

Learning Objective	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation
1. Identify the characteristics of the partnership form of business organization.		Q12-1 Q12-2 Q12-3 Q12-4	Q12-17 DI12-1 E12-1			
2. Explain the accounting entries for the formation of a partnership.			Q12-5 BE12-1 BE12-2 E12-2	E12-3 P12-1A P12-1B		
3. Identify the bases for dividing net income or net loss.		Q12-6 Q12-7 Q12-9	Q12-8 Q12-10 BE12-3 BE12-4 BE12-5	DI12-2 E12-4 E12-5 P12-2A P12-2B		
4. Describe the form and content of partnership financial statements.		Q12-11	E12-6 E12-7 P12-1A	P12-2A P12-1B P12-2B		
5. Explain the effects of the entries to record the liquidation of a partnership.		Q12-12 Q12-13 Q12-14	Q12-15 Q12-16 BE12-6 DI12-3 DI12-4	E12-8 E12-9 E12-10 P12-3A P12-3B		
*6. Explain the effects of the entries when a new partner is admitted.		Q12-18 Q12-19	Q12-20 Q12-21 BE12-7 BE12-8 E12-11	E12-12 E12-15 P12-4A P12-4B		
*7. Describe the effects of the entries when a partner withdraws from the firm.		Q12-23 Q12-24	Q12-22 BE12-9 BE12-10 E12-13	E12-14 E12-15 P12-5A P12-5B		
Broadening Your Perspective		Real-World Focus Decision Making Across the Organization			Communication All About You	Decision Making Across the Organization Ethics Case

# ANSWERS TO QUESTIONS

1.
  - (a) Association of individuals. A partnership is a voluntary association of two or more individuals based on as simple an act as a handshake. Preferably, however, the agreement should be in writing. A partnership is both a legal entity and an accounting entity, but it is not a taxable entity.
  - (b) Limited life. A partnership does not have unlimited life. A partnership may be ended voluntarily or involuntarily. Thus, the life of a partnership is indefinite. Any change in the members of a partnership results in the dissolution of the partnership.
  - (c) Co-ownership of property. Partnership assets are co-owned by all the partners. If the partnership is terminated, the assets do not legally revert to the original contributor. Each partner has a claim on total assets equal to his or her capital balance. This claim does not attach to specific assets the individual partner contributed to the firm.
2.
  - (a) Mutual agency. This characteristic means that the act of any partner is binding on all other partners when engaging in partnership business. This is true even when the partners act beyond the scope of their authority, so long as the act appears to be appropriate for the partnership.
  - (b) Unlimited liability. Each partner is personally and individually liable for all partnership liabilities. Creditors' claims attach first to partnership assets and then to personal resources of any partner, irrespective of that partner's equity in the partnership.
3. The advantages of a partnership are: (1) combining skills and resources of two or more individuals, (2) ease of formation, (3) freedom from governmental regulations and restrictions, and (4) ease of decision making. Disadvantages are: (1) mutual agency, (2) limited life, and (3) unlimited liability.
4. A limited partnership is used when a general partner(s) wish to raise cash without involving outside investors in management of the business. Limited partners in this case have limited personal liability for business debts as long as they don't participate in management.
5. Newland capital account balance should be \$97,000, comprised of land \$60,000, and equipment \$57,000, less debt \$20,000.
6. When the partnership agreement does not specify the division of net income or net loss, net income and net loss should be divided equally.
7. Factors to be considered in determining how income and loss should be divided are: (1) a fixed ratio is easy to apply and it may be an equitable basis in some circumstances; (2) capital balance ratios, when the funds invested in the partnership are considered the most critical factor; and (3) salary allowance and/or interest allowance coupled with a fixed ratio. This last approach gives specific recognition to differences that may exist among partners by providing salary allowances for time worked and interest allowances for capital invested.
8. The net income of \$42,000 should be divided equally—\$21,000 to M. Elston and \$21,000 to R. Ogle
9.
  - (a) Account debited: Income Summary; accounts credited: S. Pletcher, Capital and F. Holt, Capital.
  - (b) Account debited: S. Pletcher, Drawings; account credited: Cash.

**Questions Chapter 12 (Continued)**

10.	Division of Net Income		
	T. Greer	R. Parks	Total
Salary Allowance .....	\$30,000	\$25,000	\$55,000
Deficiency: (\$15,000) (\$40,000 – \$55,000)			
T. Greer (60% X \$15,000) .....	(9,000)		(9,000)
R. Parks (40% X \$15,000) .....		(6,000)	(6,000)
Total division.....	<u>\$21,000</u>	<u>\$19,000</u>	<u>\$40,000</u>

- 11.** The financial statements of a partnership are similar to those of a proprietorship. The differences are due to the number of partners involved. The income statement for a partnership is identical to the income statement for a proprietorship except for the detailed information concerning the division of net income. The owners' equity statement is called the partners' capital statement. This statement shows the changes in each partner's capital account and in total partnership capital during the year. On the balance sheet each partner's capital balance is reported in the owners' equity section.
- 12.** Liquidation of a partnership ends both the legal and economic life of the entity. Partnership dissolution occurs whenever a partner withdraws or a new partner is admitted. Dissolution does not necessarily mean that the business ends. If the continuing partners agree, operations can continue without interruption by forming a new partnership.
- 13.** No, Roger is not correct. All gains and losses on liquidation should be allocated to the partners on the basis of their income ratio. However, final cash distributions should be based on their capital balances.
- 14.** Yes, Mike is correct. Capital balances are used because they represent the individual partner's equity in the partnership. The objective of the distribution is to eliminate the balance in each partner's capital account.
- 15.**
- |   |                  |
|---|------------------|
| Total cash after paying liabilities .....                     | \$103,000        |
| Total capital balances (\$34,000 + \$31,000 + \$28,000) ..... | <u>93,000</u>    |
| Excess (gain on sale of noncash assets) .....                 | <u>\$ 10,000</u> |
| Allocated to Madson (\$10,000 X 3/10) .....                   | <u>\$ 3,000</u>  |
| Cash to Madson (\$31,000 + \$3,000) .....                     | <u>\$ 34,000</u> |
- 16.**
- |   |                  |
|---|------------------|
| Capital deficiency, M. Luthi .....                            | <u>\$ 4,000</u>  |
| Loss allocated to: L. Seastrom, capital (\$4,000 X 3/8) ..... | <u>\$ 1,500</u>  |
| Cash to L. Seastrom (\$12,000 – \$1,500) .....                | <u>\$ 10,500</u> |
- 17.** A partnership is an association of two or more persons to carry on as co-owners of a business for profit. Apple is a corporation since its has thousands of owners (called stockholders).

**Questions Chapter 12 (Continued)**

**\*18.** This transaction represents the purchase of an existing partner's interest. It is a personal transaction that has no effect on partnership net assets.

**\*19.** Partnership net assets increase \$25,000. No, Jerry Park does not necessarily acquire a 1/6 income ratio. Unless stated otherwise, net income or net loss is divided evenly among all partners.

<b>*20.</b>	Jamar, Capital .....	68,000	
	Parsons, Capital.....		68,000

<b>*21.</b>	Jaime Keller, Capital.....	41,000	
	Sam Parmenter, Capital.....		41,000

**\*22.** Pester's share of the \$4,000 bonus is computed as follows:

Partnership assets .....		\$85,000
Capital credit, Riley .....		<u>81,000</u>
Bonus to retiring partner.....		4,000
Allocated to:		
Jaggard: \$4,000 X 5/8 = .....	\$2,500	
Pester: \$4,000 X 3/8 = .....	<u>1,500</u>	<u>4,000</u>
		<u>\$ 0</u>

**\*23.** Recording the revaluations violates the cost principle, which requires that assets be stated at original cost. It is also a departure from the going-concern assumption, which assumes the entity will continue indefinitely.

**\*24.** When a partner dies, it is usually necessary to determine the partner's equity at the date of death by: (1) determining the net income or loss for the year to date, (2) closing the books, and (3) preparing financial statements. The partnership agreement may also require an audit of the financial statements by independent auditors and a revaluation of assets by an appraisal firm.



# SOLUTIONS TO BRIEF EXERCISES

## BRIEF EXERCISE 12-1

Cash .....	10,000	
Equipment.....	4,000	
Fred Nichols, Capital .....		14,000

## BRIEF EXERCISE 12-2

Accounts Receivable .....	\$16,000	
Less: Allowance for doubtful accounts.....	<u>1,500</u>	\$14,500
Equipment.....		11,000

Accumulated depreciation should not be shown because a new company cannot have any accumulated depreciation.

## BRIEF EXERCISE 12-3

The division is: Rod \$45,000 ( $\$75,000 \times 60\%$ ) and Dall \$30,000 ( $\$75,000 \times 40\%$ ).  
The entry is:

Income Summary .....	75,000	
Rod, Capital .....		45,000
Dall, Capital .....		30,000

## BRIEF EXERCISE 12-4

### Division of Net Income

	Pitts	Filbert	Witten	Total
Salary allowance .....	\$15,000	\$ 5,000	\$ 5,000	\$25,000
Remaining income, \$20,000: ( $\$45,000 - \$25,000$ )				
P ( $\$20,000 \times 50\%$ ).....	10,000			
F ( $\$20,000 \times 30\%$ ).....		6,000		
W ( $\$20,000 \times 20\%$ ).....			4,000	
Total remainder.....				<u>20,000</u>
<b>Total division of net income .....</b>	<b><u>\$25,000</u></b>	<b><u>\$11,000</u></b>	<b><u>\$9,000</u></b>	<b><u>\$45,000</u></b>

## BRIEF EXERCISE 12-5

### Division of Net Income

	<u>Nabb</u>	<u>Fry</u>	<u>Total</u>
Salary allowance .....	\$15,000	\$10,000	\$25,000
Interest allowance .....	7,000	5,000	12,000
Remaining deficiency, (\$6,000): [\$31,000 – (\$25,000 + \$12,000)]			
Nabb (\$6,000 X 50%) .....	(3,000)		
Fry (\$6,000 X 50%) .....		(3,000)	
Total remainder .....			(6,000)
Total division of net income .....	<u>\$19,000</u>	<u>\$12,000</u>	<u>\$31,000</u>

## BRIEF EXERCISE 12-6

A, Capital .....	8,000	
B, Capital .....	9,000	
C, Capital .....	4,000	
Cash .....		21,000

## \*BRIEF EXERCISE 12-7

Eubank, Capital .....	11,000	
Tovar, Capital .....		11,000

## \*BRIEF EXERCISE 12-8

Cash .....	58,000	
Irey, Capital (50% X \$8,600*) .....	4,300	
Pedigo, Capital (50% X \$8,600) .....	4,300	
Vernon, Capital (45% X \$148,000) .....		66,600

\*[(\$40,000 + \$50,000 + \$58,000) X 45%] – \$58,000 = \$8,600.

**\*BRIEF EXERCISE 12-9**

Ferneti, Capital .....	20,000	
Lango, Capital .....		10,000
Oslo, Capital .....		10,000

**\*BRIEF EXERCISE 12-10**

Ferneti, Capital .....	20,000	
Lango, Capital (50% X \$4,000) .....	2,000	
Oslo, Capital (50% X \$4,000) .....	2,000	
Cash .....		24,000

**SOLUTIONS FOR DO IT! REVIEW EXERCISES**

**DO IT! 12-1**

1. True.
2. False. If a partnership is dissolved, each partner has a claim on total assets equal to the balance in his or her capital account. The claim does not attach to any specific assets.
3. False. In a limited partnership, the general partners have unlimited liability.
4. True.
5. True.

**DO IT! 12-2**

The division of net income is as follows:

	<u>Miley</u>	<u>Guthrie</u>	<u>Total</u>
Salary allowance .....	\$25,000	\$18,000	\$43,000
Remaining income (\$75,000 – \$43,000)			
Miley (40% X \$32,000) .....	12,800		
Guthrie (60% X \$32,000) .....		19,200	
Total remaining income .....			<u>32,000</u>
Total division of net income .....	<u>\$37,800</u>	<u>\$37,200</u>	<u>\$75,000</u>

## DO IT! 12-2 (Continued)

Income Summary .....	75,000	
Miley, Capital.....		37,800
Guthrie, Capital.....		37,200

## DO IT! 12-3

Item	Cash	+ Noncash Assets	= Liabilities	+ Cisneros, Capital	+ Gunselman, Capital	+ Forren, Capital
Balance before liquidation	15,000	90,000	40,000	20,000	32,000	13,000
Sale of noncash assets and allocation of gain	<u>125,000</u>	<u>(90,000)</u>		<u>13,125<sup>a</sup></u>	<u>8,750<sup>b</sup></u>	<u>13,125<sup>a</sup></u>
New balances	140,000	-0-	40,000	33,125	40,750	26,125
Pay liabilities	<u>(40,000)</u>		<u>(40,000)</u>			
New balances	100,000	-0-	-0-	33,125	40,750	26,125
Cash distribution to partners	<u>(100,000)</u>			<u>(33,125)</u>	<u>(40,750)</u>	<u>(26,125)</u>
Final balances	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>

<sup>a</sup>35,000 X 3/8

<sup>b</sup>35,000 X 2/8

## DO IT! 12-4

Oakley, Capital (\$14,000 X 3/7) .....	6,000	
Ellis, Capital (\$14,000 X 4/7).....	8,000	
Quaney, Capital .....		14,000
(To record write-off of capital deficiency)		
Oakley, Capital (\$47,000 – \$6,000).....	41,000	
Ellis, Capital (\$40,000 – \$8,000) .....	32,000	
Cash.....		73,000
(To record distribution of cash of partners)		

# SOLUTIONS TO EXERCISES

## EXERCISE 12-1

1. False. A partnership is an association of *two* or more persons to carry on as co-owners of a business for profit.
2. False. Partnerships are fairly easy to form; they can be formed simply by a verbal agreement.
3. False. A partnership *is* an entity for financial reporting purposes.
4. False. The net income of a partnership is *not* taxed as a separate entity.
5. True.
6. True.
7. False. When a partnership is dissolved, the assets do *not* revert to the original contributor.
8. True.
9. False. Mutual agency is a *disadvantage* of the partnership form of business.

## EXERCISE 12-2

(a)	Cash.....	50,000	
	Decker, Capital .....		50,000
	Land.....	15,000	
	Buildings .....	80,000	
	Rosen, Capital .....		95,000
	Cash.....	9,000	
	Accounts Receivable.....	32,000	
	Equipment.....	39,000	
	Allowance for Doubtful Accounts .....		3,000
	Toso, Capital .....		77,000

(b)  $\$50,000 + \$95,000 + \$77,000 = \underline{\underline{\$222,000}}$

## EXERCISE 12-3

Jan. 1	Cash .....	12,000	
	Accounts Receivable .....	14,000	
	Equipment.....	23,500	
	Allowance for Doubtful Accounts.....		3,000
	Suzy Vopat, Capital.....		46,500

**EXERCISE 12-4**

**(a) (1)**

**DIVISION OF NET INCOME**

	<u>McGill</u>	<u>Smyth</u>	<u>Total</u>
Salary allowance .....	\$22,000	\$13,000	\$35,000
Interest allowance			
McGill (\$50,000 X 10%) .....	5,000		
Smyth (\$40,000 X 10%) .....		4,000	
Total interest .....			<u>9,000</u>
Total salaries and interest .....	<u>27,000</u>	<u>17,000</u>	<u>44,000</u>
Remaining income, \$6,000 (\$50,000 – \$44,000)			
McGill (\$6,000 X 60%) .....	3,600		
Smyth (\$6,000 X 40%) .....		2,400	
Total remainder.....			<u>6,000</u>
Total division of net income .....	<u>\$30,600</u>	<u>\$19,400</u>	<u>\$50,000</u>

**(2)**

**DIVISION OF NET INCOME**

	<u>McGill</u>	<u>Smyth</u>	<u>Total</u>
Salary allowance .....	\$22,000	\$13,000	\$35,000
Interest allowance .....	<u>5,000</u>	<u>4,000</u>	<u>9,000</u>
Total salaries and interest .....	27,000	17,000	44,000
Remaining deficiency, (\$8,000) (\$36,000 – \$44,000)			
McGill (\$8,000 X 60%) .....	(4,800)		
Smyth (\$8,000 X 40%) .....		(3,200)	
Total remainder.....			<u>(8,000)</u>
Total division of net income .....	<u>\$22,200</u>	<u>\$13,800</u>	<u>\$36,000</u>

**(b) (1)**

Income Summary .....	50,000	
McGill, Capital.....		30,600
Smyth, Capital .....		19,400

**(2)**

Income Summary .....	36,000	
McGill, Capital.....		22,200
Smyth, Capital .....		13,800

**EXERCISE 12-5**

(a) Income Summary.....	80,000	
Coburn, Capital (\$80,000 X 45%).....		36,000
Webb, Capital (\$80,000 X 55%).....		44,000
 (b) Income Summary.....	80,000	
Coburn, Capital		
[\$30,000 + (\$25,000 X 45%)].....		41,250
Webb, Capital		
[\$25,000 + (\$25,000 X 55%)].....		38,750
 (c) Income Summary.....	80,000	
Coburn, Capital .....		41,000
Webb, Capital .....		39,000
 Coburn: [\$40,000 + \$6,000 – (\$10,000 X 50%)]		
Webb: [\$35,000 + \$9,000 – (\$10,000 X 50%)]		
 (d) Coburn: \$60,000 + \$41,000 – \$18,000 = <u>\$83,000</u>		
Webb: \$90,000 + \$39,000 – \$24,000 = <u>\$105,000</u>		

**EXERCISE 12-6**

(a) **NATIONAL CO.**  
**Partners' Capital Statement**  
**For the Year Ended December 31, 2014**

	<u>N. Payne</u>	<u>A. Dody</u>	<u>Total</u>
Capital, January 1 .....	\$20,000	\$18,000	\$38,000
Add: Net income .....	<u>20,000</u>	<u>20,000</u>	<u>40,000</u>
	40,000	38,000	78,000
Less: Drawings .....	<u>8,000</u>	<u>5,000</u>	<u>13,000</u>
Capital, December 31.....	<u>\$32,000</u>	<u>\$33,000</u>	<u>\$65,000</u>

**EXERCISE 12-6 (Continued)**

(b) **NATIONAL CO.  
Partial Balance Sheet  
December 31, 2014**

<b>Owners' equity</b>		
N. Payne, Capital .....	\$32,000	
A. Dody, Capital .....	<u>33,000</u>	
Total owners' equity .....		<u>\$65,000</u>

**EXERCISE 12-7**

**THE DOCTOR PARTNERSHIP  
Balance Sheet  
December 31, 2014**

<b>Assets</b>			
<b>Current Assets</b>			
Cash.....		\$37,000	
Accounts Receivable.....	\$36,000		
Less: Allowance for Doubtful Accounts .....	<u>4,000</u>	32,000	
Supplies .....		<u>3,000</u>	
Total current assets .....			\$ 72,000
<b>Property, Plant and Equipment</b>			
Land.....		\$28,000	
Buildings .....		75,000	
Equipment.....		<u>52,000</u>	
Total property, plant, and equipment .....			<u>155,000</u>
Total assets.....			<u>\$227,000</u>
<b>Liabilities and Owners' Equity</b>			
<b>Long-term Liabilities</b>			
Mortgage Payable .....			\$ 20,000
<b>Owners' Equity</b>			
Terry, Capital.....		\$55,000	
Nick, Capital .....		83,000	
Frank, Capital.....		<u>69,000</u>	
Total owners' equity .....			<u>207,000</u>
Total liabilities and owners' equity .....			<u>\$227,000</u>



**EXERCISE 12-8**

**SEDGWICK COMPANY**  
**Schedule of Cash Payments**

Item	Cash	+ Noncash Assets	= Liabilities	+ Floyd, Capital	+ DeWitt, Capital
Balances before liquidation	\$ 20,000	\$100,000	\$55,000	\$45,000	\$20,000
Sale of noncash assets and allocation of gain	<u>105,000</u>	<u>(100,000)</u>		<u>3,000</u>	<u>2,000</u>
New balances	125,000	0	55,000	48,000	22,000
Pay liabilities	<u>(55,000)</u>		<u>(55,000)</u>		
New balances	70,000	0	0	48,000	22,000
Cash distribution to partners	<u>(70,000)</u>			<u>(48,000)</u>	<u>(22,000)</u>
Final balances	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>

**EXERCISE 12-9**

(a) Cash.....	105,000	
Noncash Assets .....		100,000
Gain on Realization .....		5,000
(b) Gain on Realization .....	5,000	
Floyd, Capital (\$5,000 X 60%) .....		3,000
DeWitt, Capital (\$5,000 X 40%) .....		2,000
(c) Liabilities .....	55,000	
Cash .....		55,000
(d) Floyd, Capital .....	48,000	
DeWitt, Capital .....	22,000	
Cash .....		70,000

**EXERCISE 12-10**

(a) (1) Cash .....	8,000	
Pena, Capital .....		8,000
(2) Vogel, Capital .....	17,000	
Utech, Capital .....	15,000	
Cash.....		32,000
(b) (1) Vogel, Capital (\$8,000 X 5/8) .....	5,000	
Utech, Capital (\$8,000 X 3/8) .....	3,000	
Pena, Capital .....		8,000
(2) Vogel, Capital (\$17,000 – \$5,000).....	12,000	
Utech, Capital (\$15,000 – \$3,000) .....	12,000	
Cash.....		24,000

**\*EXERCISE 12-11**

(a) K. Kolmer, Capital (\$34,000 X 50%) .....	17,000	
D. Jernigan, Capital.....		17,000
(b) C. Eidman, Capital (\$26,000 X 50%) .....	13,000	
D. Jernigan, Capital.....		13,000
(c) C. Ryno, Capital (\$21,000 X 33 1/3%).....	7,000	
D. Jernigan, Capital.....		7,000

**\*EXERCISE 12-12**

(a) Cash.....	90,000	
S. Pagon, Capital (6/10 X \$15,000).....		9,000
T. Tabor, Capital (4/10 X \$15,000).....		6,000
W. Wolford, Capital .....		75,000

Total capital of existing partnership.....	\$160,000
Investment by new partner, Wolford .....	<u>90,000</u>
Total capital of new partnership .....	<u>\$250,000</u>

Wolford's capital credit	
(30% X \$250,000) .....	<u>\$ 75,000</u>

**\*EXERCISE 12-12 (Continued)**

Investment by new partner, Wolford ....	\$ 90,000		
Wolford's capital credit .....	<u>75,000</u>		
Bonus to old partners .....	<u>\$ 15,000</u>		
(b) Cash.....		50,000	
S. Pagan, Capital (6/10 X \$13,000) .....		7,800	
T. Tabor, Capital (4/10 X \$13,000) .....		5,200	
W. Wolford, Capital .....			63,000
Total capital of existing partnership ....	\$160,000		
Investment by new partner, Wolford ....	<u>50,000</u>		
Total capital of new partnership .....	<u>\$210,000</u>		
Wolford's capital credit (30% X \$210,000).....			<u>\$ 63,000</u>
Investment by new partner, Wolford ....	\$ 50,000		
Wolford's capital credit .....	<u>63,000</u>		
Bonus to new partner .....	<u>\$ 13,000</u>		

**\*EXERCISE 12-13**

1. C. Heganbart, Capital .....		30,000	
N. Essex, Capital .....			15,000
C. Gilmore, Capital .....			15,000
2. C. Heganbart, Capital .....		30,000	
C. Gilmore, Capital .....			30,000
3. C. Heganbart, Capital .....		30,000	
N. Essex, Capital .....			30,000

**\*EXERCISE 12-14**

1.	N. Rice, Capital.....	60,000	
	B. Higgins, Capital .....	2,500	
	J. Mayo, Capital.....	1,500	
	Cash .....		64,000

Capital balance of withdrawing partner .....	\$60,000
Payment to withdrawing partner.....	<u>64,000</u>
Bonus to retiring partner.....	<u>\$ 4,000</u>

Allocation of bonus			
Higgins, Capital			
(\$4,000 X 5/8).....	\$2,500		
Mayo, Capital			
(\$4,000 X 3/8) .....	<u>1,500</u>	<u>\$ 4,000</u>	

2.	N. Rice, Capital.....	60,000	
	B. Higgins, Capital.....		5,000
	J. Mayo, Capital .....		3,000
	Cash .....		52,000

Capital balance of withdrawing partner .....	\$60,000
Payment to withdrawing partner.....	<u>52,000</u>
Bonus to remaining partners .....	<u>\$ 8,000</u>

Allocation of bonus			
Higgins, Capital			
(\$8,000 X 5/8) .....	\$5,000		
Mayo, Capital			
(\$8,000 X 3/8) .....	<u>3,000</u>	<u>\$ 8,000</u>	

**\*EXERCISE 12-15**

<b>(a) Cash</b> .....	<b>88,000</b>	
<b>Garrett, Capital (\$288,000<sup>a</sup> X 25%)</b> .....		<b>72,000</b>
<b>Foss, Capital (\$16,000 X 50%)</b> .....		<b>8,000</b>
<b>Albertson, Capital (\$16,000 X 30%)</b> .....		<b>4,800</b>
<b>Espinosa, Capital (\$16,000 X 20%)</b> .....		<b>3,200</b>

**<sup>a</sup>\$100,000 + \$60,000 + \$40,000 + \$88,000**

<b>(b) Foss, Capital</b> .....	<b>100,000</b>	
<b>Albertson, Capital (\$10,000 X 3/5)</b> .....	<b>6,000</b>	
<b>Espinosa, Capital (\$10,000 X 2/5)</b> .....	<b>4,000</b>	
<b>Cash</b> .....		<b>110,000</b>

# SOLUTIONS TO PROBLEMS

<b>PROBLEM 12-1A</b>
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(a)	Jan. 1	Cash.....	14,000	
		Accounts Receivable.....	17,500	
		Inventory .....	28,000	
		Equipment.....	25,000	
		<b>Allowance for Doubtful</b>		
		<b>Accounts.....</b>		4,500
		<b>Notes Payable .....</b>		18,000
		<b>Accounts Payable .....</b>		22,000
		<b>Sorensen, Capital.....</b>		40,000
	1	Cash.....	12,000	
		Accounts Receivable.....	26,000	
		Inventory .....	20,000	
		Equipment.....	15,000	
		<b>Allowance for Doubtful</b>		
		<b>Accounts.....</b>		4,000
		<b>Notes Payable .....</b>		15,000
		<b>Accounts Payable .....</b>		31,000
		<b>Lucas, Capital.....</b>		23,000
(b)	Jan. 1	Cash.....	5,000	
		<b>Sorensen, Capital.....</b>		5,000
	1	Cash.....	19,000	
		<b>Lucas, Capital.....</b>		19,000

**PROBLEM 12-1A (Continued)**

(c)

**SOLU COMPANY  
Balance Sheet  
January 1, 2014**

<b>Assets</b>	
<b>Current assets</b>	
Cash	
(\$14,000 + \$12,000 + \$5,000 + \$19,000) ....	\$ 50,000
Accounts receivable	
(\$17,500 + \$26,000).....	\$43,500
Less: Allowance for doubtful accounts	
(\$4,500 + \$4,000) .....	<u>8,500</u> 35,000
Inventory (\$28,000 + \$20,000).....	<u>48,000</u>
<b>Total current assets</b> .....	<b>133,000</b>
<b>Property, plant, and equipment</b>	
Equipment (\$25,000 + \$15,000) .....	<u>40,000</u>
<b>Total assets</b> .....	<b><u>\$173,000</u></b>
<b>Liabilities and Owners' Equity</b>	
<b>Current liabilities</b>	
Notes payable (\$18,000 + \$15,000).....	\$ 33,000
Accounts payable (\$22,000 + \$31,000) .....	<u>53,000</u>
<b>Total current liabilities</b> .....	<b>86,000</b>
<b>Owners' equity</b>	
Sorensen, capital (\$40,000 + \$5,000) .....	\$45,000
Lucas, capital (\$23,000 + \$19,000) .....	<u>42,000</u>
<b>Total owners' equity</b> .....	<u>87,000</u>
<b>Total liabilities and owners' equity</b> .....	<b><u>\$173,000</u></b>

<b>PROBLEM 12-2A</b>
----------------------

<b>(a)</b>	<b>(1)</b>	Income Summary .....	<b>30,000</b>	
		A. Niensted, Capital (\$30,000 X 60%) .....		18,000
		G. Bolen, Capital (\$30,000 X 30%) .....		9,000
		K. Sayler, Capital (\$30,000 X 10%).....		3,000
	<b>(2)</b>	Income Summary .....	<b>40,000</b>	
		A. Niensted, Capital (\$15,000 + \$5,000).....		20,000
		G. Bolen, Capital (\$10,000 + \$5,000).....		15,000
		K. Sayler, Capital (\$0 + \$5,000).....		5,000
		Net income .....	\$40,000	
		Salary allowance		
		Niensted .....	(15,000)	
		Bolen .....	<u>(10,000)</u>	
		Remainder.....	<u>\$15,000</u>	
		To each partner		
		(\$15,000 X 1/3) .....		<u>\$ 5,000</u>
	<b>(3)</b>	Income Summary .....	<b>19,000</b>	
		A. Niensted, Capital		
		(\$4,800 + \$15,000 – \$2,100) .....		17,700
		G. Bolen, Capital (\$3,000 – \$2,100).....		900
		K. Sayler, Capital (\$2,500 – \$2,100).....		400
		Net income .....	\$19,000	
		Interest allowance		
		Niensted (\$48,000 X 10%).....	(4,800)	
		Bolen (\$30,000 X 10%).....	(3,000)	
		Sayler (\$25,000 X 10%).....	<u>(2,500)</u>	
		Balance.....	8,700	
		Salary allowance		
		Niensted .....	<u>(15,000)</u>	
		Remainder.....	<u>\$ (6,300)</u>	
		To each partner		
		(\$6,300 X 1/3) .....		<u>\$ (2,100)</u>



**PROBLEM 12-2A (Continued)**

(b)

**DIVISION OF NET INCOME**

	<u>Art Niensted</u>	<u>Greg Bolen</u>	<u>Krista Sayler</u>	<u>Total</u>
Salary allowance .....	\$15,000			\$15,000
Interest allowance on capital				
A. Niensted				
(\$48,000 X 10%).....	4,800			
G. Bolen				
(\$30,000 X 10%).....		\$3,000		
K. Sayler				
(\$25,000 X 10%).....			\$2,500	
Total interest .....				<u>10,300</u>
Total salaries and interest.....	<u>19,800</u>	<u>3,000</u>	<u>2,500</u>	<u>25,300</u>
Remaining deficiency, (\$6,300)				
A. Niensted				
(\$6,300 X 1/3).....	(2,100)			
G. Bolen				
(\$6,300 X 1/3).....		(2,100)		
K. Sayler				
(\$6,300 X 1/3).....			(2,100)	
Total remainder .....				<u>(6,300)</u>
Total division of net income.....	<u>\$17,700</u>	<u>\$ 900</u>	<u>\$ 400</u>	<u>\$19,000</u>

(c)

**NBS COMPANY**  
**Partners' Capital Statement**  
**For the Year Ended December 31, 2014**

	<u>Art Niensted</u>	<u>Greg Bolen</u>	<u>Krista Sayler</u>	<u>Total</u>
Capital, January 1 .....	\$48,000	\$30,000	\$25,000	\$103,000
Add: Net income .....	<u>17,700</u>	<u>900</u>	<u>400</u>	<u>19,000</u>
	65,700	30,900	25,400	122,000
Less: Drawings.....	<u>23,000</u>	<u>14,000</u>	<u>10,000</u>	<u>47,000</u>
Capital, December 31 .....	<u>\$42,700</u>	<u>\$16,900</u>	<u>\$15,400</u>	<u>\$ 75,000</u>

<b>PROBLEM 12-3A</b>
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(a)	(1)			
		Cash.....	51,000	
		Allowance for Doubtful Accounts.....	1,000	
		Accumulated Depreciation—Equipment.....	5,500	
		Loss on Realization .....	23,000	
		Accounts Receivable .....		25,000
		Inventory.....		34,500
		Equipment.....		21,000
		Noncash assets (net) .....	\$74,000	
		Sale proceeds.....	<u>51,000</u>	
		Loss on sale of noncash assets .....		<u>\$23,000</u>
	(2)			
		A. Jamison, Capital ( $\$23,000 \times 5/10$ ) .....	11,500	
		S. Moyer, Capital ( $\$23,000 \times 3/10$ ).....	6,900	
		P. Roper, Capital ( $\$23,000 \times 2/10$ ).....	4,600	
		Loss on Realization.....		23,000
	(3)			
		Notes Payable .....	13,500	
		Accounts Payable .....	27,000	
		Salaries and Wages Payable.....	4,000	
		Cash .....		44,500
	(4)			
		Cash.....	1,600	
		P. Roper, Capital ( $\$4,600 - \$3,000$ ).....		1,600
	(5)			
		A. Jamison, Capital ( $\$33,000 - \$11,500$ ) .....	21,500	
		S. Moyer, Capital ( $\$21,000 - \$6,900$ ) .....	14,100	
		Cash .....		35,600

**PROBLEM 12-3A (Continued)**

(b)

Cash			
Bal.	27,500	(3)	44,500
(1)	51,000	(5)	35,600
(4)	1,600		
Bal.	-0-		

A. Jamison, Capital			
(2)	11,500	Bal.	33,000
(5)	21,500		
		Bal.	-0-

S. Moyer, Capital			
(2)	6,900	Bal.	21,000
(5)	14,100		
		Bal.	-0-

P. Roper, Capital			
(2)	4,600	Bal.	3,000
		(4)	1,600
		Bal.	-0-

(c) (1)	A. Jamison, Capital (\$1,600 X 5/8).....	1,000	
	S. Moyer, Capital (\$1,600 X 3/8).....	600	
	P. Roper, Capital.....		1,600
(2)	A. Jamison, Capital (\$21,500 – \$1,000) .....	20,500	
	S. Moyer, Capital (\$14,100 – \$600) .....	13,500	
	Cash (\$35,600 – \$1,600).....		34,000

**\*PROBLEM 12-4A**

(a)	(1)	J. Pinkston, Capital .....	9,000	
		J. Terrell, Capital.....		9,000
	(2)	C. Lamar, Capital .....	16,000	
		J. Terrell, Capital.....		16,000
	(3)	Cash .....	62,000	
		G. Donley, Capital (50% X \$8,000) .....		4,000
		C. Lamar, Capital (40% X \$8,000).....		3,200
		J. Pinkston, Capital (10% X \$8,000) .....		800
		J. Terrell, Capital.....		54,000

Total capital of existing partnership.....	\$118,000
Investment by Terrell.....	<u>62,000</u>
Total capital of new partnership.....	<u>\$180,000</u>

Terrell's capital credit (\$180,000 X 30%).....	<u>\$ 54,000</u>
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Investment by new partner, Terrell .....	\$ 62,000
Terrell's capital credit.....	<u>54,000</u>
Bonus to old partners.....	<u>\$ 8,000</u>

(4)		Cash .....	42,000	
		G. Donley, Capital (\$6,000 X 50%) .....	3,000	
		C. Lamar, Capital (\$6,000 X 40%) .....	2,400	
		J. Pinkston, Capital (\$6,000 X 10%).....	600	
		J. Terrell, Capital.....		48,000

Total capital of existing partnership.....	\$118,000
Investment by Terrell.....	<u>42,000</u>
Total capital of new partnership.....	<u>\$160,000</u>

**\*PROBLEM 12-4A (Continued)**

Terrell's capital credit (\$160,000 X 30%).....	<u><b>\$48,000</b></u>
Investment by new partner .....	<b>\$42,000</b>
Terrell's capital credit.....	<u><b>48,000</b></u>
Bonus to new partner.....	<u><b>\$ 6,000</b></u>

(b) (1) Total capital after admission (\$32,000 ÷ 20%) .....	<b>\$160,000</b>
Total capital before admission.....	<u><b>118,000</b></u>
Cash investment by Terrell .....	<u><b>\$ 42,000</b></u>
(2) Decrease in Lamar's equity (\$48,000 – \$32,000) .....	<u><b>\$ 16,000</b></u>
Lamar's income ratio .....	<b>40%</b>
Bonus to new partner (\$16,000 ÷ 40%) .....	<u><b>\$ 40,000</b></u>

<b>*PROBLEM 12-5A</b>
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(a)	(1)	Posada, Capital .....	30,000	
		Trayer, Capital .....		15,000
		Emig, Capital.....		15,000
	(2)	Posada, Capital .....	30,000	
		Emig, Capital.....		30,000
	(3)	Posada, Capital .....	30,000	
		Trayer, Capital (\$4,000 X 5/8).....	2,500	
		Emig, Capital (\$4,000 X 3/8).....	1,500	
		Cash .....		34,000
		Posada's capital balance ....	\$30,000	
		Payment to Posada .....	<u>34,000</u>	
		Bonus to Posada .....	<u>\$ 4,000</u>	
	(4)	Posada, Capital .....	30,000	
		Trayer, Capital (\$8,000 X 5/8) .....		5,000
		Emig, Capital (\$8,000 X 3/8) .....		3,000
		Cash .....		22,000
		Posada's capital balance ....	\$30,000	
		Payment to Posada .....	<u>22,000</u>	
		Bonus to old partners .....	<u>\$ 8,000</u>	
(b)	(1)	Emig's capital after withdrawal .....		\$43,600
		Emig's capital before withdrawal .....		<u>40,000</u>
		Bonus to Emig .....		3,600
		Emig's income ratio with Trayer .....		<u>3/8</u>
		Total bonus (\$3,600 ÷ 3/8) .....		<u>\$ 9,600</u>
	(2)	Posada's capital balance .....	\$30,000	
		Total bonus to other partners.....		<u>(9,600)</u>
		Cash paid to Posada .....		<u>\$20,400</u>

<b>PROBLEM 12-1B</b>
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(a)	Jan. 1	Cash .....	10,000	
		Accounts Receivable .....	18,000	
		Inventory .....	38,000	
		Equipment.....	35,000	
		Allowance for Doubtful		
		Accounts .....		2,500
		Notes Payable .....		20,000
		Accounts Payable .....		30,000
		Utech, Capital .....		48,500
	1	Cash .....	8,000	
		Accounts Receivable .....	30,000	
		Inventory .....	25,000	
		Equipment.....	18,000	
		Allowance for Doubtful		
		Accounts .....		4,000
		Accounts Payable .....		40,000
		Flott, Capital .....		37,000
(b)	Jan. 1	Cash .....	3,500	
		Utech, Capital .....		3,500
	1	Cash .....	16,000	
		Flott, Capital .....		16,000

**PROBLEM 12-1B (Continued)**

**(c) COMMANDER COMPANY  
Balance Sheet  
January 1, 2014**

<b>Assets</b>	
<b>Current assets</b>	
<b>Cash</b>	
(\$10,000 + \$8,000 + \$3,500 + \$16,000) ...	<b>\$ 37,500</b>
<b>Accounts receivable</b>	
(\$18,000 + \$30,000) .....	<b>\$48,000</b>
<b>Less: Allowance for doubtful accounts</b>	
(\$2,500 + \$4,000) .....	<u><b>6,500</b></u>
	<b>41,500</b>
<b>Inventory</b>	
(\$38,000 + \$25,000) .....	<u><b>63,000</b></u>
<b>Total current assets</b> .....	<u><b>142,000</b></u>
 <b>Property, plant, and equipment</b>	
<b>Equipment (\$35,000 + \$18,000)</b> .....	<u><b>53,000</b></u>
<b>Total assets</b> .....	<u><b>\$195,000</b></u>
 <b>Liabilities and Owners' Equity</b>	
<b>Current liabilities</b>	
<b>Notes payable</b> .....	<b>\$ 20,000</b>
<b>Accounts payable (\$30,000 + \$40,000)</b> .....	<u><b>70,000</b></u>
<b>Total current liabilities</b> .....	<b>90,000</b>
 <b>Owners' equity</b>	
<b>Utech, capital (\$48,500 + \$3,500)</b> .....	<b>\$52,000</b>
<b>Flott, capital (\$37,000 + \$16,000)</b> .....	<u><b>53,000</b></u>
<b>Total owners' equity</b> .....	<u><b>105,000</b></u>
<b>Total liabilities and owners' equity</b> .....	<u><b>\$195,000</b></u>



<b>PROBLEM 12-2B</b>
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(a)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(1) Income Summary .....</td> <td style="width: 10%; text-align: right;">50,000</td> <td style="width: 10%;"></td> </tr> <tr> <td>    Riles, Capital (\$50,000 X 50%) .....</td> <td></td> <td style="text-align: right;">25,000</td> </tr> <tr> <td>    Kinder, Capital (\$50,000 X 30%) .....</td> <td></td> <td style="text-align: right;">15,000</td> </tr> <tr> <td>    Crifui, Capital (\$50,000 X 20%) .....</td> <td></td> <td style="text-align: right;">10,000</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>(2) Income Summary .....</td> <td style="text-align: right;">43,000</td> <td></td> </tr> <tr> <td>    Riles, Capital</td> <td></td> <td></td> </tr> <tr> <td>        (\$15,000 + \$6,000) .....</td> <td></td> <td style="text-align: right;">21,000</td> </tr> <tr> <td>    Kinder, Capital (\$10,000 + \$6,000) .....</td> <td></td> <td style="text-align: right;">16,000</td> </tr> <tr> <td>    Crifui, Capital (\$0 + \$6,000) .....</td> <td></td> <td style="text-align: right;">6,000</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>        Net income .....</td> <td style="text-align: right;">\$43,000</td> <td></td> </tr> <tr> <td>        Salary allowances</td> <td></td> <td></td> </tr> <tr> <td>            Riles.....</td> <td style="text-align: right;">(15,000)</td> <td></td> </tr> <tr> <td>            Kinder .....</td> <td style="text-align: right;"><u>(10,000)</u></td> <td></td> </tr> <tr> <td>        Remainder.....</td> <td></td> <td style="text-align: right;"><u>\$18,000</u></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>        To each partner</td> <td></td> <td></td> </tr> <tr> <td>            (\$18,000 X 1/3) .....</td> <td></td> <td style="text-align: right;"><u>\$ 6,000</u></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>(3) Income Summary .....</td> <td style="text-align: right;">34,000</td> <td></td> </tr> <tr> <td>    Riles, Capital</td> <td></td> <td></td> </tr> <tr> <td>        (\$4,000 + \$20,000 + \$2,000) .....</td> <td></td> <td style="text-align: right;">26,000</td> </tr> <tr> <td>    Kinder, Capital (\$2,500 + \$2,000) .....</td> <td></td> <td style="text-align: right;">4,500</td> </tr> <tr> <td>    Crifui, Capital (\$1,500 + \$2,000) .....</td> <td></td> <td style="text-align: right;">3,500</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>        Net income .....</td> <td style="text-align: right;">\$ 34,000</td> <td></td> </tr> <tr> <td>        Interest allowance</td> <td></td> <td></td> </tr> <tr> <td>            Riles</td> <td></td> <td></td> </tr> <tr> <td>                (\$40,000 X 10%) .....</td> <td style="text-align: right;">(4,000)</td> <td></td> </tr> <tr> <td>                Kinder (\$25,000 X 10%) .....</td> <td style="text-align: right;">(2,500)</td> <td></td> </tr> <tr> <td>                Crifui (\$15,000 X 10%) .....</td> <td style="text-align: right;"><u>(1,500)</u></td> <td></td> </tr> <tr> <td>        Balance .....</td> <td></td> <td style="text-align: right;">26,000</td> </tr> <tr> <td>        Salary allowance</td> <td></td> <td></td> </tr> <tr> <td>            Riles.....</td> <td style="text-align: right;"><u>(20,000)</u></td> <td></td> </tr> <tr> <td>        Remainder.....</td> <td></td> <td style="text-align: right;"><u>\$ 6,000</u></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>        To each partner</td> <td></td> <td></td> </tr> <tr> <td>            (\$6,000 X 1/3) .....</td> <td></td> <td style="text-align: right;"><u>\$ 2,000</u></td> </tr> </table>	(1) Income Summary .....	50,000		Riles, Capital (\$50,000 X 50%) .....		25,000	Kinder, Capital (\$50,000 X 30%) .....		15,000	Crifui, Capital (\$50,000 X 20%) .....		10,000				(2) Income Summary .....	43,000		Riles, Capital			(\$15,000 + \$6,000) .....		21,000	Kinder, Capital (\$10,000 + \$6,000) .....		16,000	Crifui, Capital (\$0 + \$6,000) .....		6,000				Net income .....	\$43,000		Salary allowances			Riles.....	(15,000)		Kinder .....	<u>(10,000)</u>		Remainder.....		<u>\$18,000</u>				To each partner			(\$18,000 X 1/3) .....		<u>\$ 6,000</u>				(3) Income Summary .....	34,000		Riles, Capital			(\$4,000 + \$20,000 + \$2,000) .....		26,000	Kinder, Capital (\$2,500 + \$2,000) .....		4,500	Crifui, Capital (\$1,500 + \$2,000) .....		3,500				Net income .....	\$ 34,000		Interest allowance			Riles			(\$40,000 X 10%) .....	(4,000)		Kinder (\$25,000 X 10%) .....	(2,500)		Crifui (\$15,000 X 10%) .....	<u>(1,500)</u>		Balance .....		26,000	Salary allowance			Riles.....	<u>(20,000)</u>		Remainder.....		<u>\$ 6,000</u>				To each partner			(\$6,000 X 1/3) .....		<u>\$ 2,000</u>
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**PROBLEM 12-2B (Continued)**

**(b) DIVISION OF NET INCOME**

	<u>Riles</u>	<u>Kinder</u>	<u>Crifui</u>	<u>Total</u>
Salary allowance .....	\$20,000			\$20,000
Interest allowance on capital				
Riles				
(\$40,000 X 10%).....	4,000			
Kinder				
(\$25,000 X 10%).....		\$2,500		
Crifui				
(\$15,000 X 10%).....			\$1,500	
Total interest .....				<u>8,000</u>
Total salaries and interest .....	<u>24,000</u>	<u>2,500</u>	<u>1,500</u>	<u>28,000</u>
Remaining income, \$6,000				
Riles				
(\$6,000 X 1/3).....	2,000			
Kinder				
(\$6,000 X 1/3).....		2,000		
Crifui				
(\$6,000 X 1/3).....			2,000	
Total remainder .....				<u>6,000</u>
Total division of net income.....	<u>\$26,000</u>	<u>\$4,500</u>	<u>\$3,500</u>	<u>\$34,000</u>

**(c) RKC COMPANY  
Partners' Capital Statement  
For the Year Ended December 31, 2014**

	<u>Riles</u>	<u>Kinder</u>	<u>Crifui</u>	<u>Total</u>
Capital, January 1 .....	\$40,000	\$25,000	\$15,000	\$80,000
Add: Net income .....	<u>26,000</u>	<u>4,500</u>	<u>3,500</u>	<u>34,000</u>
	66,000	29,500	18,500	114,000
Less: Drawings .....	<u>15,000</u>	<u>10,000</u>	<u>5,000</u>	<u>30,000</u>
Capital, December 31.....	<u>\$51,000</u>	<u>\$19,500</u>	<u>\$13,500</u>	<u>\$84,000</u>



**PROBLEM 12-3B (Continued)**

		<b>(1)</b>		
<b>(b)</b>	<b>Apr. 30</b>	<b>Cash.....</b>	<b>55,000</b>	
		<b>Allowance for Doubtful Accounts .....</b>	<b>2,000</b>	
		<b>Accumulated Depreciation.....</b>	<b>8,000</b>	
		<b>Loss on Realization .....</b>	<b>15,000</b>	
		<b>Accounts Receivable .....</b>		<b>25,000</b>
		<b>Inventory.....</b>		<b>35,000</b>
		<b>Equipment .....</b>		<b>20,000</b>
		 <b>Noncash assets (net).....</b>	 <b>\$70,000</b>	
		<b>Sale proceeds .....</b>	<b><u>55,000</u></b>	
		<b>Loss on sale of noncash</b>		
		<b>assets .....</b>	<b><u>\$15,000</u></b>	
		<b>(2)</b>		
	<b>30</b>	<b>Mallory, Capital (\$15,000 X 50%).....</b>	<b>7,500</b>	
		<b>Bosco, Capital (\$15,000 X 30%) .....</b>	<b>4,500</b>	
		<b>Renteria, Capital (\$15,000 X 20%).....</b>	<b>3,000</b>	
		<b>Loss on Realization .....</b>		<b>15,000</b>
		<b>(3)</b>		
	<b>30</b>	<b>Notes Payable .....</b>	<b>20,000</b>	
		<b>Accounts Payable.....</b>	<b>30,000</b>	
		<b>Salaries and Wages Payable.....</b>	<b>2,500</b>	
		<b>Cash .....</b>		<b>52,500</b>
		<b>(4)</b>		
	<b>30</b>	<b>Mallory, Capital (\$28,000 – \$7,500) .....</b>	<b>20,500</b>	
		<b>Bosco, Capital (\$13,650 – \$4,500).....</b>	<b>9,150</b>	
		<b>Renteria, Capital (\$5,850 – \$3,000) .....</b>	<b>2,850</b>	
		<b>Cash .....</b>		<b>32,500</b>

**PROBLEM 12-3B (Continued)**

(c)

<b>Cash</b>			
Bal.	30,000	4/30 (3)	52,500
4/30 (1)	55,000	30 (4)	32,500
Bal.	-0-		

<b>Bosco, Capital</b>			
4/30 (2)	4,500	Bal.	13,650
30 (4)	9,150		
		Bal.	-0-

<b>Mallory, Capital</b>			
4/30 (2)	7,500	Bal.	28,000
30 (4)	20,500		
		Bal.	-0-

<b>Renteria, Capital</b>			
4/30 (2)	3,000	Bal.	5,850
30 (4)	2,850		
		Bal.	-0-

<b>*PROBLEM 12-4B</b>
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(a)	(1)	Giger, Capital.....	5,000	
		Edelman, Capital.....		5,000
	(2)	Beyer, Capital .....	8,000	
		Edelman, Capital.....		8,000
	(3)	Cash .....	29,000	
		Younger, Capital (\$5,000 X 5/10) .....	2,500	
		Beyer, Capital (\$5,000 X 3/10).....	1,500	
		Giger, Capital (\$5,000 X 2/10) .....	1,000	
		Edelman, Capital.....		34,000

Total capital of existing partnership.....	\$56,000
Investment by Edelman....	<u>29,000</u>
Total capital of new partnership.....	<u>\$85,000</u>

Edelman capital credit (\$85,000 X 40%) .....	<u>\$34,000</u>
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Investment by new partner, Edelman .....	\$29,000
Edelman capital credit.....	<u>34,000</u>
Bonus to new partner .....	<u>\$ 5,000</u>

(4)	Cash .....		24,000	
		Younger, Capital (\$8,000 X 5/10).....		4,000
		Beyer, Capital (\$8,000 X 3/10) .....		2,400
		Giger, Capital (\$8,000 X 2/10).....		1,600
		Edelman, Capital.....		16,000

Total capital of existing partnership.....	\$56,000
Investment by Edelman....	<u>24,000</u>
Total capital of new partnership.....	<u>\$80,000</u>

**\*PROBLEM 12-4B (Continued)**

Edelman's capital credit (\$80,000 X 20%).....	<u><b>\$16,000</b></u>
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Investment by new partner, Edelman .....	<b>\$24,000</b>
Edelman's capital credit.....	<u><b>16,000</b></u>
Bonus to old partners .....	<u><b>\$ 8,000</b></u>

(b) Total capital after admission (\$25,000 ÷ 25%) .....	<b>\$100,000</b>
Total capital before admission .....	<u><b>56,000</b></u>
(1) Cash investment by Edelman.....	<u><b>\$ 44,000</b></u>
Increase in Beyer's equity (\$25,000 – \$16,000) .....	<u><b>\$ 9,000</b></u>
Beyer's income ratio.....	<b>3/10</b>
(2) Total bonus to old partners (\$9,000 ÷ 3/10).....	<u><b>\$ 30,000</b></u>

<b>*PROBLEM 12-5B</b>
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(a)	(1)	Piper, Capital .....	28,000	
		Dunlap, Capital.....		14,000
		Yevak, Capital .....		14,000
	(2)	Piper, Capital .....	28,000	
		Yevak, Capital .....		28,000
	(3)	Piper, Capital .....	28,000	
		Dunlap, Capital (\$6,000 X 6/9).....	4,000	
		Yevak, Capital (\$6,000 X 3/9) .....	2,000	
		Cash.....		34,000
		Piper's capital balance .....	\$28,000	
		Payment to Piper .....	<u>34,000</u>	
		Bonus to Piper .....	<u>\$ 6,000</u>	
	(4)	Piper, Capital .....	28,000	
		Dunlap, Capital (\$9,000 X 6/9) .....		6,000
		Yevak, Capital (\$9,000 X 3/9) .....		3,000
		Cash.....		19,000
		Piper's capital balance .....	\$28,000	
		Payment to Piper .....	<u>19,000</u>	
		Bonus to remaining partners .....	<u>\$ 9,000</u>	
(b)	(1)	Yevak capital after withdrawal.....		\$57,000
		Yevak capital before withdrawal .....		<u>51,000</u>
		Bonus to Yevak .....		\$ 6,000
		Yevak income ratio with Dunlap.....		<u>3/9</u>
		Total bonus (\$6,000 ÷ 3/9).....		<u>\$18,000</u>
	(2)	Piper capital balance.....		\$28,000
		Total bonus to remaining partners .....		<u>(18,000)</u>
		Cash paid to Piper.....		<u>\$10,000</u>



**Students' answers will depend upon the firm selected and the timing of their exploration.**

- (a) The major disadvantages of a partnership are mutual agency, limited life, and unlimited liability. Mutual agency means that each partner acts on behalf of the partnership when engaging in partnership business. The act of any partner is binding on all other partners, even when the partners act beyond the scope of their authority, so long as the act appears to be appropriate for the partnership. A partnership does not have unlimited life. A partnership may be ended voluntarily or involuntarily. For the partnership discussed here, limited life does not appear to be a major drawback. Unlimited liability means that each partner is personally and individually liable for all partnership liabilities. Creditors' claims attach first to partnership assets, then to the personal resources of any partner, irrespective of that partner's capital equity in the company. This is a major limitation of a partnership.
- (b) The written partnership agreement, often referred to as the articles of co-partnership, is needed. It should contain such basic information as the name and principal location of the firm, the purpose of the business, and date of inception. In addition, the following should be specified: (1) names and capital contributions of partners, (2) rights and duties of partners, (3) basis for sharing net income or net loss, (4) provision for withdrawals of assets, (5) procedures for submitting disputes to arbitration, (6) procedures for the withdrawal or addition of a partner, and (7) rights and duties of surviving partners in the event of a partner's death.
- (c) The best approach would be to give Stephen an interest allowance for the additional investment. This approach would therefore permit each party to share equally in net income or net loss after the interest allowance.
- (d) The computer equipment should be depreciated on the books of the partnership, not on Stephen's personal tax return. The computer is owned by the partnership, and only Stephen's share of net income should be reported on his tax return. The computer would be reported at its fair value when invested in the partnership, less the accumulated depreciation as of the end of the taxable year.

## **BYP 12-2 (Continued)**

- (e) To facilitate the payment from partnership assets of the deceased partner's equity, some companies obtain life insurance policies on each partner with the partnership as the beneficiary. The proceeds from the insurance policy on the deceased partner are then used to settle the estate.**

**To:** Ronald Hrabik  
Meg percival

**From:** Your Accountant

**Subject:** Partnership Agreement for Pasta Shop

There are many important issues that should be included in your partnership agreement. Prior to our meeting next Tuesday, in my office, it would be helpful for you to consider the following matters.

- 1. Facts about the business; i.e., name, location, purpose, and date of inception.**
- 2. Facts about the partners; i.e., the name and address of each partner, the beginning capital contribution of each partner, and the rights and duties of partners with respect to: (a) making business decisions, (b) active participation in the partnership (full/part-time), and (c) allowances for vacations and sick leave.**
- 3. Basis for sharing net income or net loss. The Uniform Partnership Act specifies that the basis will be equal unless another basis is stated in the partnership agreement. The basis may include provisions for partnership salaries and interest on capital balances with the remainder being divided on a proportionate basis.**
- 4. Provision for withdrawals of assets. There are two kinds of withdrawals: one is called drawings; the other is called a withdrawal of capital. The former relates to providing each partner with cash for normal living expenses. You may provide for periodic drawings of a fixed amount such as \$1,000 a month, or an amount not to exceed a specified amount such as \$1,500 or \$2,000. Withdrawals of capital can affect the future of the partnership. Thus, you may want to provide for consultation with an attorney, a financial advisor, and/or a CPA and a formal approval procedure.**

## **BYP 12-3 (Continued)**

- 5. Procedures for submitting disputes to arbitration. Inevitably, disagreements will occur between partners. The partnership contract should provide a framework for resolving them. You may want to include some or all of the outside parties mentioned above in an arbitration committee.**
- 6. Procedures for the withdrawal or addition of a partner. At this time, consideration of this issue may seem premature. However, it is still useful to have basic procedures in place. For withdrawals, consideration should be given to both voluntary and “forced” withdrawals and the basis of determining and paying the capital equity of the partner who is leaving the firm. For additions, you may wish to state whether each admission must have the unanimous approval of existing partners and the terms of admission.**
- 7. Rights and duties of surviving partners. The death of a partner is often a traumatic experience. Thus, it is advisable that the partnership agreement specify the responsibilities of the surviving partners, assuming the business is continued, or if the business is terminated. Also, procedures should be included for determining the deceased partner’s equity in the firm. The procedures might include an audit of the financial statements and a revaluation of assets by an independent appraisal firm.**

**I look forward to a productive session with both of you next Tuesday.**

- (a) The stakeholders in this situation are Alexandra and Kellie.
- (b) The consequences of Alexandra's actions are that they cause significant differences in the time worked between the partners and in the amount of drawings made by each partner. Sooner or later, Kellie is going to become annoyed with Alexandra's actions and this could cause friction between the partners.

The differences here emphasize the importance of a written partnership agreement. Time to be worked by each partner and allowable drawings are two subjects that should be in the agreement.

Based on the information given, ethical considerations rest primarily on the issue of fairness. Alexandra is not trying to hide anything from Kellie. However, her actions do not seem to be fair.

- (c) For the differences in time worked, two changes in the partnership agreement should be considered. First, Kellie could be given a higher salary allowance than Alexandra. Second, because Kellie is contributing more to net income than Alexandra, she could be given a higher percentage of net income after deducting salary allowances.

For the differences in drawings, the partnership agreement could be altered to allow for interest on average monthly "net" partners' capitals. Net partners' capitals would be the difference between the balances of the capital and drawing accounts at the end of each month. If this is not agreeable to Alexandra, then the partnership agreement should be changed to limit the drawings of each partner to a fixed amount.

**Given that the students may come up with variety of answers that are correct, there is no single correct solution to this problem. You may wish to have a show of hands on each question to see whether any consensus has developed on any of the questions.**

