

# Test Bank for Financial and Managerial Accounting 4th Kimmel

TEST BANK SAMPLE PREVIEW

PUBLISHER

**John Wiley & Sons**

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**2021**

RESOURCE TYPE

**Test Bank**

ISBN

**9781119752622**

# CHAPTER 2

## THE RECORDING PROCESS

### SUMMARY OF QUESTIONS BY LEARNING OBJECTIVES AND BLOOM'S TAXONOMY

| Item                             | LO | BT | Item | LO | BT | Item | LO | BT | Item  | LO | BT   | Item   | LO | BT |
|----------------------------------|----|----|------|----|----|------|----|----|-------|----|------|--------|----|----|
| <b>True-False Statements</b>     |    |    |      |    |    |      |    |    |       |    |      |        |    |    |
| 1.                               | 1  | K  | 9.   | 1  | K  | 17.  | 2  | K  | 25.   | 3  | K    | sg33.  | 2  | K  |
| 2.                               | 1  | K  | 10.  | 1  | K  | 18.  | 2  | K  | 26.   | 3  | C, K | sg34.  | 3  | K  |
| 3.                               | 1  | K  | 11.  | 1  | K  | 19.  | 2  | K  | 27.   | 3  | K    | sg35.  | 3  | C  |
| 4.                               | 1  | K  | 12.  | 1  | K  | 20.  | 2  | K  | 28.   | 3  | K    | sg36.  | 4  | K  |
| 5.                               | 1  | K  | 13.  | 1  | K  | 21.  | 2  | K  | 29.   | 3  | K    | sg37.  | 4  | K  |
| 6.                               | 1  | K  | 14.  | 2  | K  | 22.  | 2  | K  | 30.   | 4  | K    |        |    |    |
| 7.                               | 1  | K  | 15.  | 2  | K  | 23.  | 2  | K  | sg31. | 1  | K    |        |    |    |
| 8.                               | 1  | K  | 16.  | 2  | K  | 24.  | 3  | K  | sg32. | 1  | K    |        |    |    |
| <b>Multiple Choice Questions</b> |    |    |      |    |    |      |    |    |       |    |      |        |    |    |
| 38.                              | 1  | K  | 63.  | 1  | C  | 88.  | 2  | K  | 113.  | 3  | K    | 138.   | 1  | K  |
| 39.                              | 1  | K  | 64.  | 1  | K  | 89.  | 2  | K  | 114.  | 3  | C    | sg139. | 1  | K  |
| 40.                              | 1  | K  | 65.  | 1  | K  | 90.  | 2  | K  | 115.  | 3  | K    | st140. | 1  | K  |
| 41.                              | 1  | C  | 66.  | 1  | K  | 91.  | 2  | C  | 116.  | 3  | K    | sg141. | 2  | K  |
| 42.                              | 1  | K  | 67.  | 1  | K  | 92.  | 2  | K  | 117.  | 3  | AP   | st142. | 2  | K  |
| 43.                              | 1  | K  | 68.  | 1  | K  | 93.  | 2  | K  | 118.  | 3  | K    | sg143. | 2  | AP |
| 44.                              | 1  | K  | 69.  | 2  | AP | 94.  | 2  | K  | 119.  | 3  | K    | st144. | 2  | AP |
| 45.                              | 1  | K  | 70.  | 2  | AP | 95.  | 2  | K  | 120.  | 3  | K    | sg145. | 2  | AN |
| 46.                              | 1  | K  | 71.  | 2  | AP | 96.  | 2  | K  | 121.  | 3  | K    | sg146. | 3  | K  |
| 47.                              | 1  | K  | 72.  | 2  | AP | 97.  | 2  | K  | 122.  | 3  | K    | sg147. | 3  | K  |
| 48.                              | 1  | K  | 73.  | 1  | AP | 98.  | 2  | K  | 123.  | 3  | K    | st148. | 4  | K  |
| 49.                              | 1  | K  | 74.  | 1  | AP | 99.  | 2  | K  | 124.  | 3  | K    | sg149. | 4  | C  |
| 50.                              | 1  | K  | 75.  | 1  | AN | 100. | 2  | K  | 125.  | 3  | K    | st150. | 5  | K  |
| 51.                              | 1  | K  | 76.  | 1  | AP | 101. | 2  | K  | 126.  | 3  | K    | sg151. | 5  | K  |
| 52.                              | 1  | K  | 77.  | 4  | AP | 102. | 2  | K  | 127.  | 3  | K    | 152.   | 5  | K  |
| 53.                              | 1  | K  | 78.  | 4  | AP | 103. | 2  | C  | 128.  | 3  | K    | 153.   | 5  | K  |
| 54.                              | 1  | C  | 79.  | 1  | AP | 104. | 2  | K  | 129.  | 3  | K    | 154.   | 5  | K  |
| 55.                              | 1  | C  | 80.  | 1  | AP | 105. | 2  | K  | 130.  | 4  | K    | 155.   | 5  | K  |
| 56.                              | 1  | K  | 81.  | 1  | AP | 106. | 2  | K  | 131.  | 4  | C    |        |    |    |
| 57.                              | 1  | K  | 82.  | 1  | AP | 107. | 2  | K  | 132.  | 4  | K    |        |    |    |
| 58.                              | 1  | K  | 83.  | 1  | C  | 108. | 2  | K  | 133.  | 4  | C    |        |    |    |
| 59.                              | 1  | K  | 84.  | 2  | AP | 109. | 2  | AN | 134.  | 4  | K    |        |    |    |
| 60.                              | 1  | K  | 85.  | 1  | AP | 110. | 3  | K  | 135.  | 4  | K    |        |    |    |
| 61.                              | 1  | K  | 86.  | 2  | K  | 111. | 3  | K  | 136.  | 4  | C    |        |    |    |
| 62.                              | 1  | C  | 87.  | 2  | K  | 112. | 3  | K  | 137.  | 1  | K    |        |    |    |
| <b>Brief Exercises</b>           |    |    |      |    |    |      |    |    |       |    |      |        |    |    |
| 156.                             | 1  | AP | 159. | 2  | AP | 161. | 1  | K  | 163.  | 3  | AP   | 165.   | 4  | AP |
| 157.                             | 1  | C  | 160. | 2  | AP | 162. | 2  | AP | 164.  | 3  | AP   | 166.   | 4  | AP |
| 158.                             | 1  | K  |      |    |    |      |    |    |       |    |      |        |    |    |

sg This question also appears in the Study Guide.

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<sup>st</sup> This question also appears in a self-test at the student companion website.

**SUMMARY OF QUESTIONS BY LEARNING OBJECTIVES AND BLOOM'S TAXONOMY**

| Exercises             |     |    |      |   |    |      |   |    |      |     |    |      |   |    |
|-----------------------|-----|----|------|---|----|------|---|----|------|-----|----|------|---|----|
| 167.                  | 3   | AP | 172. | 1 | C  | 177. | 2 | C  | 182. | 3,4 | AP | 187. | 4 | AP |
| 168.                  | 1   | C  | 173. | 1 | C  | 178. | 2 | AP | 183. | 4   | AN | 188. | 4 | AP |
| 169.                  | 1   | C  | 174. | 1 | C  | 179. | 2 | C  | 184. | 3   | AP | 189. | 4 | AP |
| 170.                  | 1   | C  | 175. | 1 | C  | 180. | 2 | AP | 185. | 4   | AN | 190. | 4 | AN |
| 171.                  | 1   | C  | 176. | 2 | AP | 181. | 3 | AP | 186. | 4   | AN |      |   |    |
| Completion Statements |     |    |      |   |    |      |   |    |      |     |    |      |   |    |
| 191.                  | 1   | K  | 193. | 1 | K  | 195. | 2 | K  | 197. | 2   | K  | 199. | 3 | K  |
| 192.                  | 1   | K  | 194. | 1 | K  | 196. | 2 | K  | 198  | 2   | K  | 200. | 4 | K  |
| Matching              |     |    |      |   |    |      |   |    |      |     |    |      |   |    |
| 201.                  | 1-4 | K  |      |   |    |      |   |    |      |     |    |      |   |    |
| Short-Answer Essay    |     |    |      |   |    |      |   |    |      |     |    |      |   |    |
| 202.                  | 1   | C  | 205. | 4 | AN | 208. | 2 | C  | 211. | 2,3 | S  |      |   |    |
| 203.                  | 1   | C  | 206. | 2 | S  | 209. | 3 | C  | 212. | 1   | E  |      |   |    |
| 204.                  | 1   | S  | 207. | 2 | C  | 210. | 3 | S  | 213. | 1   | S  |      |   |    |

**SUMMARY OF LEARNING OBJECTIVES BY QUESTION TYPE**

| Item                 | Type | Item | Type | Item | Type | Item | Type | Item | Type | Item | Type | Item | Type |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Learning Objective 1 |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1.                   | TF   | 13.  | TF   | 47.  | MC   | 59.  | MC   | 75.  | MC   | 156. | BE   | 191. | C    |
| 2.                   | TF   | 31.  | TF   | 48.  | MC   | 60.  | MC   | 76.  | MC   | 157. | BE   | 192. | C    |
| 3.                   | TF   | 32.  | TF   | 49.  | MC   | 61.  | MC   | 79.  | MC   | 158. | BE   | 193. | C    |
| 4.                   | TF   | 38.  | MC   | 50.  | MC   | 62.  | MC   | 80.  | MC   | 161. | BE   | 194. | C    |
| 5.                   | TF   | 39.  | MC   | 51.  | MC   | 63.  | MC   | 81.  | MC   | 168. | Ex   | 201. | MA   |
| 6.                   | TF   | 40.  | MC   | 52.  | MC   | 64.  | MC   | 82.  | MC   | 169. | Ex   | 202. | SA   |
| 7.                   | TF   | 41.  | MC   | 53.  | MC   | 65.  | MC   | 83.  | MC   | 170. | Ex   | 203. | SA   |
| 8.                   | TF   | 42.  | MC   | 54.  | MC   | 66.  | MC   | 85.  | MC   | 171. | Ex   | 204. | SA   |
| 9.                   | TF   | 43.  | MC   | 55.  | MC   | 67.  | MC   | 137. | MC   | 172. | Ex   | 212. | SA   |
| 10.                  | TF   | 44.  | MC   | 56.  | MC   | 68.  | MC   | 138. | MC   | 173. | Ex   | 213. | SA   |
| 11.                  | TF   | 45.  | MC   | 57.  | MC   | 73.  | MC   | 139. | MC   | 174. | Ex   |      |      |
| 12.                  | TF   | 46.  | MC   | 58.  | MC   | 74.  | MC   | 140. | MC   | 175. | Ex   |      |      |
| Learning Objective 2 |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 14.                  | TF   | 23.  | TF   | 88.  | MC   | 97.  | MC   | 106. | MC   | 159. | BE   | 196. | C    |
| 15.                  | TF   | 33.  | TF   | 89.  | MC   | 98.  | MC   | 107. | MC   | 160. | BE   | 197. | C    |
| 16.                  | TF   | 69.  | MC   | 90.  | MC   | 99.  | MC   | 108. | MC   | 162. | BE   | 198. | C    |
| 17.                  | TF   | 70.  | MC   | 91.  | MC   | 100. | MC   | 109. | MC   | 176. | Ex   | 201. | MA   |
| 18.                  | TF   | 71.  | MC   | 92.  | MC   | 101. | MC   | 141. | MC   | 177. | Ex   | 206. | SA   |
| 19.                  | TF   | 72.  | MC   | 93.  | MC   | 102. | MC   | 142. | MC   | 178. | Ex   | 207. | SA   |
| 20.                  | TF   | 84.  | MC   | 94.  | MC   | 103. | MC   | 143. | MC   | 179. | Ex   | 208. | SA   |
| 21.                  | TF   | 86.  | MC   | 95.  | MC   | 104. | MC   | 144. | MC   | 180. | Ex   | 211. | SA   |
| 22.                  | TF   | 87.  | MC   | 96.  | MC   | 105. | MC   | 145. | MC   | 195. | C    |      |      |

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**SUMMARY OF LEARNING OBJECTIVES BY QUESTION TYPE**

| Learning Objective 3 |         |         |         |         |         |         |  |
|----------------------|---------|---------|---------|---------|---------|---------|--|
| 24. TF               | 34. TF  | 114. MC | 120. MC | 126. MC | 163. BE | 199. C  |  |
| 25. TF               | 35. TF  | 115. MC | 121. MC | 127. MC | 164. BE | 201. MA |  |
| 26. TF               | 110. MC | 116. MC | 122. MC | 128. MC | 167. Ex | 209. SA |  |
| 27. TF               | 111. MC | 117. MC | 123. MC | 129. MC | 181. Ex | 210. SA |  |
| 28. TF               | 112. MC | 118. MC | 124. MC | 146. MC | 182. Ex | 211. SA |  |
| 29. TF               | 113. MC | 119. MC | 125. MC | 147. MC | 184. Ex |         |  |
| Learning Objective 4 |         |         |         |         |         |         |  |
| 30. TF               | 78. MC  | 133. MC | 148. MC | 182. Ex | 187. Ex | 200. C  |  |
| 36. TF               | 130. MC | 134. MC | 149. MC | 183. Ex | 188. Ex | 201. MA |  |
| 37. TF               | 131. MC | 135. MC | 165. BE | 185. Ex | 189. Ex | 205. SA |  |
| 77. MC               | 132. MC | 136. MC | 166. BE | 186. Ex | 190. Ex |         |  |
| Learning Objective 5 |         |         |         |         |         |         |  |
| 150. MC              | 151. MC | 152. MC | 153. MC | 154. MC | 155. MC |         |  |

Note: TF = True-False  
MC = Multiple Choice

BE = Brief Exercise  
Ex = Exercise

C = Completion  
MA = Matching  
SA = Short-Answer Essay

**CHAPTER LEARNING OBJECTIVES**

- Describe how accounts, debits, and credits are used to record business transactions.** An account is a record of increases and decreases in specific asset, liability, or stockholders' equity items. The terms debit and credit are synonymous with left and right. Assets, dividends, and expenses are increased by debits and decreased by credits. Liabilities, common stock, retained earnings, and revenues are increased by credits and decreased by debits.
- Indicate how a journal is used in the recording process.** The basic steps in the recording process are (a) analyze each transaction for its effects on the accounts, (b) enter the transaction information in a journal, (c) transfer the journal information to the appropriate accounts in the ledger.  
  
The initial accounting record of a transaction is entered in a journal before the data are entered in the accounts. A journal (a) discloses in one place the complete effects of a transaction, (b) provides a chronological record of transactions, and (c) prevents or locates errors because the debit and credit amounts for each entry can be easily compared.
- Explain how a ledger and posting help in the recording process.** The ledger is the entire group of accounts maintained by a company. The ledger provides the balance in each of the accounts as well as keeps track of changes in these balances. Posting is the transfer of journal entries to the ledger accounts. This phase of the recording process accumulates the effects of journalized transactions in the individual accounts.

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4. ***Prepare a trial balance.*** A trial balance is a list of accounts and their balances at a given time. Its primary purpose is to prove the equality of debits and credits after posting. A trial balance also uncovers errors in journalizing and posting and is useful in preparing financial statements.

## TRUE-FALSE STATEMENTS

1. A new account is opened for each transaction entered into by a business firm.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
2. The recording process becomes more efficient and informative if all transactions are recorded in one account.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
3. When the volume of transactions is large, recording them in tabular form is more efficient than using journals and ledgers.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
4. An account is often referred to as a T-account because of the way it is constructed.  
Ans: T LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
5. A debit to an account indicates an increase in that account.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
6. If a revenue account is credited, the revenue account is increased.  
Ans: T LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
7. The normal balance of all accounts is a debit.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
8. Debit and credit can be interpreted to mean increase and decrease, respectively.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
9. The double-entry system of accounting refers to the placement of a double line at the end of a column of figures.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
10. A credit balance in a liability account indicates that an error in recording has occurred.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
11. The dividends account is a subdivision of the retained earnings account and appears as an expense on the income statement.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
12. Revenues are a subdivision of retained earnings.  
Ans: T LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
13. Under the double-entry system, revenues must always equal expenses.  
Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
14. Transactions are entered in the ledger first and then they are analyzed in terms of their effect on the accounts.  
Ans: F LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting
15. Business documents can provide evidence that a transaction has occurred.  
Ans: T LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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16. Each transaction must be analyzed in terms of its effect on the accounts before it can be recorded in a journal.

Ans: T LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

17. Transactions are entered in the ledger accounts and then transferred to journals.

Ans: F LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

18. All business transactions must be entered first in the general ledger.

Ans: F LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

19. A simple journal entry requires only one debit to an account and one credit to an account.

Ans: T LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

20. A compound journal entry requires several debits to one account and several credits to one account.

Ans: F LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

21. Transactions are recorded in alphabetic order in a journal.

Ans: F LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

22. A journal is also known as a book of original entry.

Ans: T LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

23. The complete effect of a transaction on the accounts is disclosed in the journal.

Ans: T LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

24. The account titles used in journalizing transactions need not be identical to the account titles in the ledger.

Ans: F LO 3, SECTION 3 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

25. The chart of accounts is a special ledger used in accounting systems.

Ans: F LO 3, SECTION 3 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

26. A general ledger should be arranged in the order in which accounts are presented in the financial statements, beginning with the balance sheet accounts.

Ans: T LO 3, SECTION 3 BT: C K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

27. The number and types of accounts used by different business enterprises are the same if generally accepted accounting principles are being followed by the enterprises.

Ans: F LO 3, SECTION 3 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

28. Posting is the process of proving the equality of debits and credits in the trial balance.

Ans: F LO 3, SECTION 3 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

29. After a transaction has been posted, the reference column in the journal should not be blank.

Ans: T LO 3, SECTION 3 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

30. A trial balance does not prove that all transactions have been recorded or that the ledger is correct.

Ans: T LO 4, SECTION 4 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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31. The double-entry system is a logical method for recording transactions and results in equal debits and credits for each transaction.

Ans: T LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

32. The normal balance of an expense account is a credit.

Ans: F LO 1, SECTION 1 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

33. The journal provides a chronological record of transactions.

Ans: T LO 2, SECTION 2 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

34. The ledger is merely a bookkeeping device and, therefore, does not provide useful data for management.

Ans: F LO 3, SECTION 3 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

35. The chart of accounts is a listing of the accounts and the account numbers which identify their location in the ledger.

Ans: T LO 3, SECTION 3 BT: C Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

36. The primary purpose of a trial balance is to prove the mathematical equality of the debits and credits after posting.

Ans: T LO 4, SECTION 4 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

37. The trial balance will not balance when incorrect account titles are used in journalizing or posting.

Ans: F LO 4, SECTION 4 BT: K Difficulty: Easy TOT: .5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

### Answers to True-False Statements

| Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.   | F    | 7.   | F    | 13.  | F    | 19.  | T    | 25.  | F    | 31.  | T    | 37.  | F    |
| 2.   | F    | 8.   | F    | 14.  | F    | 20.  | F    | 26.  | T    | 32.  | F    |      |      |
| 3.   | F    | 9.   | F    | 15.  | T    | 21.  | F    | 27.  | F    | 33.  | T    |      |      |
| 4.   | T    | 10.  | F    | 16.  | T    | 22.  | T    | 28.  | F    | 34.  | F    |      |      |
| 5.   | F    | 11.  | F    | 17.  | F    | 23.  | T    | 29.  | T    | 35.  | T    |      |      |
| 6.   | T    | 12.  | T    | 18.  | F    | 24.  | F    | 30.  | T    | 36.  | T    |      |      |

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## MULTIPLE CHOICE QUESTIONS

38. An account consists of
- one part.
  - two parts.
  - three parts.
  - four parts.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

39. The left side of an account is
- blank.
  - a description of the account.
  - the debit side.
  - the balance of the account.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

40. Which one of the following is **not** a part of an account?
- Credit side
  - Trial balance
  - Debit side
  - Title

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

41. An account is a part of the financial information system and is described by all of the following statements **except**:
- An account has a debit and credit side.
  - An account is a source document.
  - An account may be part of a manual or a computerized accounting system.
  - An account has a title.

Ans: b LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

42. The right side of an account
- is the correct side.
  - reflects all transactions for the accounting period.
  - shows all the balances of the accounts in the system.
  - is the credit side.

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

43. An account consists of
- a title, a debit balance, and a credit balance.
  - a title, a left side, and a debit balance.
  - a title, a debit side, and a credit side.
  - a title, a right side, and a debit balance.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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44. A T-account is
- a. a way of depicting the basic form of an account.
  - b. what the computer uses to organize bytes of information.
  - c. a special account used instead of a trial balance.
  - d. used for accounts that have both a debit and credit balance.

Ans: a LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

45. Credits
- a. decrease both assets and liabilities.
  - b. decrease assets and increase liabilities.
  - c. increase both assets and liabilities.
  - d. increase assets and decrease liabilities.

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

46. A debit to an asset account indicates
- a. an error.
  - b. a credit was made to a liability account.
  - c. a decrease in the asset.
  - d. an increase in the asset.

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

47. The normal balance of any account is the
- a. left side.
  - b. right side.
  - c. side which increases that account.
  - d. side which decreases that account.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

48. The double-entry system requires that each transaction must be recorded
- a. in at least two different accounts.
  - b. in two sets of books.
  - c. in a journal and in a ledger.
  - d. first as a revenue and then as an expense.

Ans: a LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

49. A credit is **not** the normal balance for which account listed below?
- a. Common stock account
  - b. Revenue account
  - c. Liability account
  - d. Dividends account

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

## 2 - 10 Test Bank for Financial & Managerial Accounting, Fourth Edition

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50. Which one of the following represents the expanded basic accounting equation?
- a.  $\text{Assets} = \text{Liabilities} + \text{Common stock} + \text{Retained Earnings} + \text{Dividends} - \text{Revenues} - \text{Expenses}.$
  - b.  $\text{Assets} + \text{Dividends} + \text{Expenses} = \text{Liabilities} + \text{Common stock} + \text{Retained Earnings} + \text{Revenues}.$
  - c.  $\text{Assets} - \text{Liabilities} - \text{Dividends} = \text{Common stock} + \text{Retained Earnings} + \text{Revenues} - \text{Expenses}.$
  - d.  $\text{Assets} = \text{Revenues} + \text{Expenses} - \text{Liabilities}.$

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

51. Which of the following correctly identifies normal balances of accounts?

- a. Assets Debit  
Liabilities Credit  
Stockholders' Equity Credit  
Revenues Debit  
Expenses Credit
- b. Assets Debit  
Liabilities Credit  
Stockholders' Equity Credit  
Revenues Credit  
Expenses Credit
- c. Assets Credit  
Liabilities Debit  
Stockholders' Equity Debit  
Revenues Credit  
Expenses Debit
- d. Assets Debit  
Liabilities Credit  
Stockholders' Equity Credit  
Revenues Credit  
Expenses Debit

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

52. The best interpretation of the word credit is the

- a. offset side of an account.
- b. increase side of an account.
- c. right side of an account.
- d. decrease side of an account.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

53. In recording an accounting transaction in a double-entry system

- a. the number of debit accounts must equal the number of credit accounts.
- b. there must always be entries made on both sides of the accounting equation.
- c. the amount of the debits must equal the amount of the credits.
- d. there must only be two accounts affected by any transaction.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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54. A debit is **not** the normal balance for which of the accounts listed below?

- a. Dividends
- b. Cash
- c. Accounts Receivable
- d. Service Revenue

Ans: d LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

55. An accountant has debited an asset account for \$1,200 and credited a liability account for \$500. What can be done to complete the recording of the transaction?

- a. Nothing further must be done.
- b. Debit a Stockholders' equity account for \$700.
- c. Debit another asset account for \$700.
- d. Credit a different asset account for \$700.

Ans: d LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

56. An accountant has debited an asset account for \$1,300 and credited a liability account for \$500. Which of the following would be an **incorrect** way to complete the recording of the transaction?

- a. Credit an asset account for \$800.
- b. Credit another liability account for \$800.
- c. Credit a Stockholders' account for \$800.
- d. Debit a Stockholders' account for \$800.

Ans: d LO 1, SECTION 1 BT: K Difficulty: Medium TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

57. Which of the following is **not** true of the terms debit and credit?

- a. They can be abbreviated as Dr. and Cr.
- b. They can be interpreted to mean increase and decrease.
- c. They can be used to describe the balance of an account.
- d. They can be interpreted to mean left and right.

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

58. An account will have a credit balance if the

- a. credits exceed the debits.
- b. first transaction entered was a credit.
- c. debits exceed the credits.
- d. last transaction entered was a credit.

Ans: a LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

59. For the basic accounting equation to stay in balance, each transaction recorded must

- a. affect two or less accounts.
- b. affect two or more accounts.
- c. always affect exactly two accounts.
- d. affect the same number of asset and liability accounts.

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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## 2 - 12 Test Bank for Financial & Managerial Accounting, Fourth Edition

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60. Which of the following statements is true?
- a. Debits increase assets and increase liabilities.
  - b. Credits decrease assets and decrease liabilities.
  - c. Credits decrease assets and increase liabilities.
  - d. Debits decrease liabilities and decrease assets.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

61. Assets normally show
- a. credit balances.
  - b. debit balances.
  - c. debit and credit balances.
  - d. debit or credit balances.

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

62. An awareness of the normal balances of accounts would help you spot which of the following as an error in recording?
- a. A debit balance in the dividends account
  - b. A credit balance in an expense account
  - c. A credit balance in a liabilities account
  - d. A credit balance in a revenue account

Ans: b LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

63. If a company has overdrawn its bank balance, then
- a. its cash account will show a debit balance.
  - b. its cash account will show a credit balance.
  - c. the cash account debits will exceed the cash account credits.
  - d. it cannot be detected by observing the balance of the cash account.

Ans: b LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

64. Which of the accounts listed below is **not** a subdivision of retained earnings?
- a. Dividends
  - b. Revenues
  - c. Expenses
  - d. Common stock

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

65. When a company distributes dividends,
- a. it doesn't have to be cash, it could be another asset.
  - b. the dividends account will be increased with a credit.
  - c. the retained earnings account will be directly increased with a debit.
  - d. the dividends account will be decreased with a debit.

Ans: a LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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66. The Dividends account
- a. appears on the income statement along with the expenses of the business.
  - b. must show transactions every accounting period.
  - c. is increased with debits and decreased with credits.
  - d. is not a proper subdivision of retained earnings.

Ans: c LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

67. Which of the following statements is **incorrect**?
- a. Expenses increase stockholders' equity.
  - b. Expenses have normal debit balances.
  - c. Expenses decrease stockholders' equity.
  - d. Expenses are a negative factor in the computation of net income.

Ans: a LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

68. A credit to a liability account
- a. indicates an increase in the amount owed to creditors.
  - b. indicates a decrease in the amount owed to creditors.
  - c. is an error.
  - d. must be accompanied by a debit to an asset account.

Ans: a LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

69. In the first month of operations, the total of the debit entries to the Cash account amounted to \$1,200 and the total of the credit entries to the Cash account amounted to \$800. The Cash account has a(n)
- a. \$800 credit balance.
  - b. \$1,200 debit balance.
  - c. \$400 debit balance.
  - d. \$400 credit balance.

Ans: c LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

Solution:  $\$1,200 - \$800 = \$400$  debit balance

(Debit entries to Cash – Credit entries to Cash = Debit balance)

70. TransAm Mail Service purchased equipment for \$2,500. TransAm paid \$400 in cash and signed a note for the balance. TransAm debited the Equipment account, credited Cash and
- a. nothing further must be done.
  - b. debited the retained earnings account for \$2,100.
  - c. credited another asset account for \$400.
  - d. credited a liability account for \$2,100.

Ans: d LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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## 2 - 14 Test Bank for Financial & Managerial Accounting, Fourth Edition

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71. Radio Moscow Industries purchased supplies for \$1,000. They paid \$400 in cash and agreed to pay the balance in 30 days. The journal entry to record this transaction would include a debit to an asset account for \$1,000, a credit to a liability account for \$600. Which of the following would be the correct way to complete the recording of the transaction?
- Credit an asset account for \$400.
  - Credit another liability account for \$400.
  - Credit the retained earnings account for \$400.
  - Debit the retained earnings account for \$400.

Ans: a LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

72. On January 14, Edamame Industries purchased supplies with a cost of \$700 on account. The entry to record the purchase will include
- a debit to Supplies and a credit to Accounts Payable.
  - a debit to Supplies Expense and a credit to Accounts Receivable.
  - a debit to Supplies and a credit to Cash.
  - a debit to Accounts Receivable and a credit to Supplies.

Ans: a LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

73. On June 1, 2021, Portugal Inc. reported a cash balance of \$12,000. During June, Portugal made deposits of \$5,000 and made disbursements totalling \$14,000. What is the cash balance at the end of June?
- \$3,000 debit balance
  - \$17,000 debit balance
  - \$3,000 credit balance
  - \$2,000 credit balance

Ans: a LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

Solution:  $\$12,000 + \$5,000 - \$14,000 = \$3,000$  debit balance)

(Beg June Cash Balance + Deposits – Disbursements = Ending June Cash Balance (debit balance))

74. At January 1, 2021, Alligator Industries reported retained earnings of \$150,000. During 2021, Alligator had a net loss of \$30,000 and paid dividends of \$15,000. At December 31, 2021, the balance of retained earnings is
- \$105,000.
  - \$120,000.
  - \$135,000.
  - \$165,000.

Ans: a LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

Solution:  $\$150,000 - \$30,000 - \$15,000 = \$105,000$

(Beg Retained Earnings – Net Loss – Dividends = Ending Retained Earnings)

75. Mt. Zion Inc. pays its employees twice a month, on the 7<sup>th</sup> and the 21<sup>st</sup>. On June 21, Mt. Zion Inc. paid employee salaries of \$5,000. This transaction would
- increase stockholders' equity by \$5,000.
  - decrease the balance in Salaries and Wages Expense by \$5,000.
  - decrease net income for the month by \$5,000.
  - be recorded by a \$5,000 debit to Salaries and Wages Payable and a \$4,000 credit to Salaries and Wages Expense.

Ans: c LO 1, SECTION 1 BT: AN Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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76. In the first month of operations for Gallowsbird Industries, the total of the debit entries to the cash account amounted to \$36,000 (\$16,000 investment by stockholders and revenues of \$20,000). The total of the credit entries to the cash account amounted to \$22,000 (purchase of equipment \$8,000 and payment of expenses \$14,000). At the end of the month, the cash account has a(n)
- \$6,000 credit balance.
  - \$6,000 debit balance.
  - \$14,000 debit balance.
  - \$14,000 credit balance.

Ans: c LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
 Solution:  $\$36,000 - \$22,000 = \$14,000$  debit  
 (Cash Debits – Cash Credits = Cash Account (Debit))

77. Chik Chik Company showed the following balances at the end of its first year:

|                     |          |
|---------------------|----------|
| Cash                | \$ 6,000 |
| Prepaid insurance   | 9,400    |
| Accounts receivable | 7,000    |
| Accounts payable    | 5,600    |
| Notes payable       | 8,400    |
| Common stock        | 2,800    |
| Dividends           | 1,400    |
| Revenues            | 44,000   |
| Expenses            | 35,000   |

What did Chik Chik Company show as total credits on its trial balance?

- \$51,400
- \$60,800
- \$62,200
- \$70,200

Ans: b LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA PC: PS  
 Solution:  $\$5,600 + \$8,400 + \$2,800 + \$44,000 = \$60,800$   
 (Accts. pay. + Notes pay. + Common stock + Rev. = Tot. credits)

78. Electrelane Company showed the following balances at the end of its first year:

|                     |          |
|---------------------|----------|
| Cash                | \$ 4,000 |
| Prepaid insurance   | 7,000    |
| Accounts receivable | 5,000    |
| Accounts payable    | 4,000    |
| Notes payable       | 6,000    |
| Common stock        | 2,000    |
| Dividends           | 1,000    |
| Revenues            | 32,000   |
| Expenses            | 25,000   |

What did Electrelane Company show as total credits on its trial balance?

- \$9,000
- \$44,000
- \$45,000
- \$49,000

Ans: b LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA PC: PS  
 Solution:  $\$4,000 + \$6,000 + \$2,000 + \$32,000 = \$44,000$   
 (Accts. pay. + Notes pay. + Common stock + Rev. = Tot. credits)

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## 2 - 16 Test Bank for Financial & Managerial Accounting, Fourth Edition

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79. During February 2021, its first month of operations, the stockholders of Ariel Pink Enterprises invested cash of \$50,000. Ariel had cash revenues of \$10,000 and paid expenses of \$14,000. Assuming no other transactions impacted the cash account, what is the balance in Cash at February 28?
- a. \$4,000 credit
  - b. \$4,000 debit
  - c. \$46,000 debit
  - d. \$54,000 debit

Ans: c LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
Solution:  $\$50,000 + \$10,000 - \$14,000 = \$46,000$  debit  
(Beg. bal. + Cash rev. - Exp. pd. = End bal.)

80. At January 31, 2021, the balance in Aislers Inc.'s supplies account was \$750. During February, Aislers purchased supplies of \$900 and used supplies of \$1,125. At the end of February, the balance in the supplies account should be
- a. \$525 debit.
  - b. \$975 debit.
  - c. \$525 credit.
  - d. \$775 debit.

Ans: a LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
Solution:  $\$750 + \$900 - \$1,125 = \$525$  debit  
(Beg. bal. + Purchases. - Supplies used. = End bal.)

81. At December 1, 2021, Cursive Company's accounts receivable balance was \$1,800. During December, Cursive had revenues on account of \$7,200 and collected accounts receivable of \$6,000. At December 31, 2021, the accounts receivable balance is
- a. \$600 debit.
  - b. \$3,000 debit.
  - c. \$600 credit.
  - d. \$3,000 credit.

Ans: b LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
Solution:  $\$1,800 + \$7,200 - \$6,000 = \$3,000$  debit  
(Beg. bal. + Credit sales. - Collections. = End bal.)

82. At October 1, 2021, Padilla Industries had an accounts payable balance of \$40,000. During the month, the company made purchases on account of \$33,000 and made payments on account of \$48,000. At October 31, 2021, the accounts payable balance is
- a. \$25,000.
  - b. \$41,000.
  - c. \$55,000.
  - d. \$121,000.

Ans: a LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
Solution:  $\$40,000 + \$33,000 - \$48,000 = \$25,000$   
(Beg. bal. + Purchases on account - Payments on account. = End bal.)

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83. During 2021, its first year of operations, Neko's Bakery had revenues of \$60,000 and expenses of \$35,000. The business paid dividends of \$20,000. What is the amount of retained earnings at December 31, 2021?
- \$0
  - \$5,000 credit
  - \$25,000 credit
  - \$20,000 debit

Ans: b LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
 Solution:  $\$60,000 - \$35,000 - \$20,000 = \$5,000$  credit  
 (Revenues - Expenses - Dividends = End bal.)

84. On July 7, 2021, Hidden Camera Enterprises performed cash services of \$1,700. The entry to record this transaction would include
- a debit to Service Revenue of \$1,700.
  - a credit to Accounts Receivable of \$1,700.
  - a debit to Cash of \$1,700.
  - a credit to Accounts Payable of \$1,700.

Ans: c LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

85. At September 1, 2021, Promise Ring Co. reported stockholders' equity of \$156,000. During the month, Promise Ring generated revenues of \$38,000, incurred expenses of \$21,000, purchased equipment for \$5,000 and paid dividends of \$2,000. What is the amount of stockholders' equity at September 30, 2021?
- \$166,000
  - \$171,000
  - \$173,000
  - \$176,000

Ans: b LO 1, SECTION 1 BT: AP Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting  
 Solution:  $\$156,000 + (\$38,000 - \$21,000) - \$2,000 = \$171,000$   
 [Beg. bal. + (Rev. - Exp.) - Dividends = End. bal.]

86. The final step in the recording process is to
- analyze each transaction.
  - enter the transaction in a journal.
  - prepare a trial balance.
  - transfer journal information to ledger accounts.

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

87. The usual sequence of steps in the transaction recording process is:
- journal → analyze → ledger.
  - analyze → journal → ledger.
  - journal → ledger → analyze.
  - ledger → journal → analyze.

Ans: b LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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88. In recording business transactions, evidence that an accounting transaction has taken place is obtained from
- business documents.
  - the Internal Revenue Service.
  - the public relations department.
  - the SEC.

Ans: a LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

89. After a business transaction has been analyzed and entered in the book of original entry, the next step in the recording process is to transfer the information to
- the company's bank.
  - stockholders' equity.
  - ledger accounts.
  - financial statements.

Ans: c LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

90. The first step in the recording process is to
- prepare financial statements.
  - analyze each transaction for its effect on the accounts.
  - post to a journal.
  - prepare a trial balance.

Ans: b LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

91. Evidence that would **not** help with determining the effects of a transaction on the accounts would be a(n)
- cash register sales tape.
  - bill.
  - advertising brochure.
  - check.

Ans: c LO 2, SECTION 2 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

92. After transaction information has been recorded in the journal, it is transferred to the
- trial balance.
  - income statement.
  - book of original entry.
  - ledger.

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

93. The usual sequence of steps in the recording process is to analyze each transaction, enter the transaction in the
- journal, and transfer the information to the ledger accounts.
  - ledger, and transfer the information to the journal.
  - book of accounts, and transfer the information to the journal.
  - book of original entry, and transfer the information to the journal.

Ans: a LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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94. The final step in the recording process is to transfer the journal information to the
- trial balance.
  - financial statements.
  - ledger.
  - file cabinets.

Ans: c LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

95. The recording process occurs
- once a year.
  - once a month.
  - repeatedly during the accounting period.
  - infrequently in a manual accounting system.

Ans: c LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

96. A compound journal entry involves
- two accounts.
  - three accounts only.
  - three or more accounts.
  - four or more accounts.

Ans: c LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

97. A journal provides
- the balances for each account.
  - information about a transaction in several different places.
  - a list of all accounts used in the business.
  - a chronological record of transactions.

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

98. When three or more accounts are required in one journal entry, the entry is referred to as a
- compound entry.
  - triple entry.
  - multiple entry.
  - simple entry.

Ans: a LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

99. When two accounts are required in one journal entry, the entry is referred to as a
- balanced entry.
  - simple entry.
  - posting.
  - nominal entry.

Ans: b LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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100. Another name for journal is
- a. listing.
  - b. book of original entry.
  - c. book of accounts.
  - d. book of source documents.

Ans: b LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

101. The standard format of a journal would **not** include
- a. a reference column.
  - b. an account title column.
  - c. a T-account.
  - d. a date column.

Ans: c LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

102. Transactions in a journal are recorded in
- a. account number order.
  - b. dollar amount order.
  - c. alphabetical order.
  - d. chronological order.

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

103. A journal is **not** useful for
- a. disclosing in one place the complete effect of a transaction.
  - b. preparing financial statements.
  - c. providing a record of transactions.
  - d. locating and preventing errors.

Ans: b LO 2, SECTION 2 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

104. A complete journal entry does **not** show
- a. the date of the transaction.
  - b. the new balance in the accounts affected by the transaction.
  - c. a brief explanation of the transaction.
  - d. the accounts and amounts to be debited and credited.

Ans: b LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

105. The name given to entering transaction data in the journal is
- a. chronicling.
  - b. listing.
  - c. posting.
  - d. journalizing.

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

106. The standard form of a journal entry has the
- debit account entered first and indented.
  - credit account entered first and indented.
  - debit account entered first at the extreme left margin.
  - credit account entered first at the extreme left margin.

Ans: c LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

107. When journalizing, the reference column is
- left blank.
  - used to reference the source document.
  - used to reference the journal page.
  - used to reference the financial statements.

Ans: a LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

108. On June 1, 2021 Ted Leo buys a copier machine for his business and finances this purchase with cash and a note. When journalizing this transaction, he will
- use two journal entries.
  - make a compound entry.
  - make a simple entry.
  - list the credit entries first, which is proper form for this type of transaction.

Ans: b LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

109. Which of the following journal entries is recorded correctly and in the standard format?
- |                                  |       |       |
|----------------------------------|-------|-------|
| Salaries and Wages Expense ..... | 500   |       |
| Cash .....                       |       | 1,500 |
| Advertising Expense .....        | 1,000 |       |
  - |                                  |       |       |
|----------------------------------|-------|-------|
| Salaries and Wages Expense ..... |       | 500   |
| Advertising Expense .....        |       | 1,000 |
| Cash .....                       | 1,500 |       |
  - |                                  |       |       |
|----------------------------------|-------|-------|
| Cash .....                       | 1,500 |       |
| Salaries and Wages Expense ..... |       | 500   |
| Advertising Expense .....        |       | 1,000 |
  - |                                  |       |       |
|----------------------------------|-------|-------|
| Salaries and Wages Expense ..... | 500   |       |
| Advertising Expense .....        | 1,000 |       |
| Cash .....                       |       | 1,500 |

Ans: d LO 2, SECTION 2 BT: AN Difficulty: Easy TOT: 1 min. AACSB: Analysis AICPA BB: CT AICPA PC: PS

110. The ledger should be arranged in
- alphabetical order.
  - chronological order.
  - dollar amount order.
  - financial statement order.

Ans: d LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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111. The entire group of accounts and their balances maintained by a company is called the
- chart of accounts.
  - general journal.
  - general ledger.
  - trial balance.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

112. An accounting record of the balances of all assets, liabilities, and stockholders' equity accounts is called a
- compound entry.
  - general journal.
  - general ledger.
  - chart of accounts.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

113. The usual order of accounts in the general ledger is
- assets, liabilities, common stock, retained earnings, dividends, revenues, and expenses.
  - assets, liabilities, dividends, common stock, retained earnings, expenses, and revenues.
  - liabilities, assets, common stock, retained earnings, revenues, expenses, and dividends.
  - common stock, retained earnings, assets, liabilities, dividends, expenses, and revenues.

Ans: a LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

114. Management could determine the amounts due from customers by examining which ledger account?
- Service Revenue
  - Accounts Payable
  - Accounts Receivable
  - Supplies

Ans: c LO 3, SECTION 3 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

115. The ledger accounts should be arranged in
- chronological order.
  - alphabetical order.
  - financial statement order.
  - order of appearance in the journal.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

116. A three-column form of account is so named because it has columns for
- debit, credit, and account name.
  - debit, credit, and reference.
  - debit, credit, and balance.
  - debit, credit, and date.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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117. On August 13, 2021, Swell Maps Enterprises purchased equipment for \$1,300 and supplies of \$200 on account. Which of the following journal entries is recorded correctly and in the standard format?

|                           |       |       |
|---------------------------|-------|-------|
| a. Equipment .....        | 1,300 |       |
| Account Payable .....     |       | 1,500 |
| Supplies.....             | 200   |       |
| b. Equipment .....        |       | 1,300 |
| Supplies.....             |       | 200   |
| Accounts Payable .....    | 1,500 |       |
| c. Accounts Payable ..... | 1,500 |       |
| Equipment.....            |       | 1,300 |
| Supplies.....             |       | 200   |
| d. Equipment .....        | 1,300 |       |
| Supplies.....             | 200   |       |
| Accounts Payable. ....    |       | 1,500 |

Ans: d LO 3, SECTION 3 BT: AP Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

118. Delta72 Company received a cash advance of \$700 from a customer. As a result of this event,

- assets increased by \$700.
- stockholders' equity increased by \$700.
- liabilities decreased by \$700.
- assets and stockholders' equity increased by \$700.

Ans: a LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

119. Camper Van Company purchased equipment for \$2,600 cash. As a result of this event,

- stockholders' equity decreased by \$2,600.
- total assets increased by \$2,600.
- total assets remained unchanged.
- stockholders' equity decreased and total assets increased by \$2,600.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

120. Beethoven Company provided consulting services and billed the client \$3,100. As a result of this event,

- assets remained unchanged.
- assets increased by \$3,100 and stockholders' equity decreased by \$3,100.
- assets decreased by \$3,100 and stockholders' equity increased by \$3,100.
- assets and stockholders' equity both increased by \$3,100.

Ans: d LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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121. The first step in posting involves
- entering in the appropriate ledger account the date, journal page, and debit amount shown in the journal.
  - writing in the journal the account number to which the debit amount was posted.
  - writing in the journal the account number to which the credit amount was posted.
  - entering in the appropriate ledger account the date, journal page, and credit amount shown in the journal.

Ans: a LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

122. A chart of accounts usually starts with
- asset accounts.
  - expense accounts.
  - liability accounts.
  - revenue accounts.

Ans: a LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

123. The procedure of transferring journal entries to the ledger accounts is called
- journalizing.
  - analyzing.
  - reporting.
  - posting.

Ans: d LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

124. A number in the reference column in a general journal indicates
- that the entry has been posted to a particular account.
  - the page number of the journal.
  - the dollar amount of the transaction.
  - the date of the transaction.

Ans: a LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

125. A chart of accounts for a business firm
- is a graph.
  - indicates the amount of profit or loss for the period.
  - lists the accounts and account numbers that identify their location in the ledger.
  - shows the balance of each account in the general ledger.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

126. Posting
- should be performed in account number order.
  - accumulates the effects of journalized transactions in the individual accounts.
  - involves transferring all debits and credits on a journal page to the trial balance.
  - is accomplished by examining ledger accounts and seeing which ones need updating.

Ans: b LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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127. After journal entries are posted, the reference column
- a. of the general journal will be blank.
  - b. of the general ledger will show journal page numbers.
  - c. of the general journal will show "Dr" or "Cr".
  - d. of the general ledger will show account numbers.

Ans: b LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

128. The explanation column of the general ledger
- a. is completed without exception.
  - b. is nonexistent.
  - c. is used infrequently.
  - d. shows account titles.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

129. A numbering system for a chart of accounts
- a. is prescribed by GAAP.
  - b. is uniform for all businesses.
  - c. usually starts with income statement accounts.
  - d. usually starts with balance sheet accounts.

Ans: d LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

130. The steps in preparing a trial balance include all of the following **except**
- a. listing the account titles and their balances.
  - b. totaling the debit and credit columns.
  - c. proving the equality of the two columns.
  - d. transferring journal amounts to ledger accounts.

Ans: d LO 4, SECTION 4 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

131. A trial balance may balance even when each of the following occurs **except** when
- a. a transaction is not journalized.
  - b. a journal entry is posted twice.
  - c. incorrect accounts are used in journalizing.
  - d. a transposition error is made.

Ans: d LO 4, SECTION 4 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

132. A list of accounts and their balances at a given time is called a(n)
- a. journal.
  - b. posting.
  - c. trial balance.
  - d. income statement.

Ans: c LO 4, SECTION 4 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

133. If the sum of the debit column equals the sum of the credit column in a trial balance, it indicates
- a. no errors have been made.
  - b. no errors can be discovered.
  - c. that all accounts reflect correct balances.
  - d. the mathematical equality of the accounting equation.

Ans: d LO 4, SECTION 4 BT: C Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

134. A trial balance is a listing of
- a. transactions in a journal.
  - b. the chart of accounts.
  - c. general ledger accounts and balances.
  - d. the totals from the journal pages.

Ans: c LO 4, SECTION 4 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

135. Customarily, a trial balance is prepared
- a. at the end of each day.
  - b. after each journal entry is posted.
  - c. at the end of an accounting period.
  - d. only at the inception of the business.

Ans: c LO 4, SECTION 4 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

136. A trial balance would only help in detecting which one of the following errors?
- a. A transaction that is not journalized
  - b. A journal entry that is posted twice
  - c. Offsetting errors are made in recording the transaction
  - d. A transposition error when transferring the debit side of journal entry to the ledger

Ans: d LO 4, SECTION 4 BT: C Difficulty: Medium TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

137. An account is an individual accounting record of increases and decreases in specific
- a. liabilities.
  - b. assets.
  - c. expenses.
  - d. assets, liabilities, and stockholders' equity items.

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

138. A debit is **not** the normal balance for which of the following accounts?
- a. Asset account
  - b. Dividends account
  - c. Expense account
  - d. Common stock account

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

139. Which of the following rules is **incorrect**?
- a. Credits decrease the dividends account.
  - b. Debits increase the common stock account.
  - c. Credits increase revenue accounts.
  - d. Debits decrease liability accounts.

Ans: b LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

140. Which of the following statements is **false**?
- a. Revenues increase stockholders' equity.
  - b. Revenues have normal credit balances.
  - c. Revenues are a positive factor in the computation of net income.
  - d. Revenues are increased by debits.

Ans: d LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

141. Which of the following is the correct sequence of steps in the recording process?
- a. Posting, journalizing, analyzing
  - b. Journalizing, analyzing, posting
  - c. Analyzing, posting, journalizing
  - d. Analyzing, journalizing, posting

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

142. Which of the following is **false** about a journal?
- a. It discloses in one place the complete effects of a transaction.
  - b. It provides a chronological record of transactions.
  - c. It helps to prevent or locate errors because debit and credit amounts for each entry can be readily compared.
  - d. It keeps in one place all the information about changes in specific account balances.

Ans: d LO 2, SECTION 2 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

143. Deerhoof Company purchases equipment for \$2,700 and supplies for \$400 from Milkman Co. for \$3,100 cash. The entry for this transaction will include a
- a. debit to Equipment \$2,700 and a debit to Supplies Expense \$400 for Milkman.
  - b. credit to Cash for Milkman.
  - c. credit to Accounts Payable for Deerhoof.
  - d. debit to Equipment \$2,700 and a debit to Supplies \$400 for Deerhoof.

Ans: d LO 2, SECTION 2 BT: AP Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

144. Devendra Company pays cash dividends of \$600. The entry for this transaction will include a debit of \$600 to
- a. Dividends.
  - b. Retained Earnings.
  - c. Owner's Salaries Expense.
  - d. Salaries and Wages Expense.

Ans: a LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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145. On October 3, Karl Schickele, a carpenter, received a cash payment for services previously billed to a client. Karl paid his telephone bill and also bought equipment on account. For the three transactions, at least one of the entries will include a
- credit to Retained Earnings.
  - credit to Notes Payable.
  - debit to Accounts Receivable.
  - credit to Accounts Payable.

Ans: d LO 2, SECTION 2 BT: AN Difficulty: Medium TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

146. Posting of journal entries should be done in
- account number order.
  - alphabetical order.
  - chronological order.
  - dollar amount order.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

147. The chart of accounts is a
- list of accounts and their balances at a given time.
  - device used to prove the mathematical accuracy of the ledger.
  - listing of the accounts and the account numbers which identify their location in the ledger.
  - required step in the recording process.

Ans: c LO 3, SECTION 3 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

148. Which of the following is **incorrect** regarding a trial balance?
- It proves that the debits equal the credits after posting.
  - It proves that the company has recorded all transactions.
  - A trial balance uncovers some errors in journalizing and posting.
  - A trial balance is useful in the preparation of financial statements.

Ans: b LO 4, SECTION 4 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

149. A trial balance will **not** balance if
- a journal entry is posted twice.
  - an incorrect amount is used in journalizing.
  - incorrect account titles are used in journalizing.
  - a journal entry is only partially posted.

Ans: d LO 4, SECTION 4 BT: C Difficulty: Medium TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

150. Which of the following are the same under both GAAP and IFRS?
- The account.
  - Debit and credit rules.
  - Steps in the recording process.
  - All of these answers are correct.

IFRS. Ans: d LO 5, SECTION 5 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

151. Which of the following are the same under both GAAP and IFRS?

- a. The journal.
- b. The ledger.
- c. The chart of accounts.
- d. All of these answers are correct.

IFRS. Ans: d LO 5, SECTION 5 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

152. Which of the following is true?

- a. Transaction analysis is completely different under IFRS and GAAP.
- b. Most transactions are recorded differently under IFRS and GAAP.
- c. Transaction analysis is the same under IFRS and GAAP, but some transactions are recorded differently.
- d. All transactions are recorded the same under IFRS and GAAP.

IFRS. Ans: c LO 5, SECTION 5 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

153. European companies rely

- a. less on historical cost and more on fair values than U.S. companies.
- b. less on fair values and more on historical cost than U.S. companies.
- c. completely on fair values for financial reporting.
- d. completely on historical cost for financial reporting.

IFRS. Ans: a LO 5, SECTION 5 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

154. The double-entry accounting system is the basis of accounting systems

- a. worldwide.
- b. worldwide, except for the U.S.
- c. in the U.S. only
- d. neither internationally nor in the U.S.

IFRS. Ans: a LO 5, SECTION 5 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

155. Under IFRS, the trial balance

- a. follows the same format as under GAAP.
- b. shows credits on the left and debits on the right.
- c. includes less accounts than under GAAP.
- d. includes more accounts than under GAAP.

IFRS. Ans: a LO 5, SECTION 5 BT: K Difficulty: Easy TOT: 1 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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**Answers to Multiple Choice Questions**

| Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. | Item | Ans. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 38.  | c    | 56.  | d    | 74.  | a    | 92.  | d    | 110. | d    | 128. | c    | 146. | c    |
| 39.  | c    | 57.  | b    | 75.  | c    | 93.  | a    | 111. | c    | 129. | d    | 147. | c    |
| 40.  | b    | 58.  | a    | 76.  | c    | 94.  | c    | 112. | c    | 130. | d    | 148. | b    |
| 41.  | b    | 59.  | b    | 77.  | b    | 95.  | c    | 113. | a    | 131. | d    | 149. | d    |
| 42.  | d    | 60.  | c    | 78.  | b    | 96.  | c    | 114. | c    | 132. | c    | 150. | d    |
| 43.  | c    | 61.  | b    | 79.  | c    | 97.  | d    | 115. | c    | 133. | d    | 151. | d    |
| 44.  | a    | 62.  | b    | 80.  | a    | 98.  | a    | 116. | c    | 134. | c    | 152. | c    |
| 45.  | b    | 63.  | b    | 81.  | b    | 99.  | b    | 117. | d    | 135. | c    | 153. | a    |
| 46.  | d    | 64.  | d    | 82.  | a    | 100. | b    | 118. | a    | 136. | d    | 154. | a    |
| 47.  | c    | 65.  | a    | 83.  | b    | 101. | c    | 119. | c    | 137. | d    | 155. | a    |
| 48.  | a    | 66.  | c    | 84.  | c    | 102. | d    | 120. | d    | 138. | d    |      |      |
| 49.  | d    | 67.  | a    | 85.  | b    | 103. | b    | 121. | a    | 139. | b    |      |      |
| 50.  | b    | 68.  | a    | 86.  | d    | 104. | b    | 122. | a    | 140. | d    |      |      |
| 51.  | d    | 69.  | c    | 87.  | b    | 105. | d    | 123. | d    | 141. | d    |      |      |
| 52.  | c    | 70.  | d    | 88.  | a    | 106. | c    | 124. | a    | 142. | d    |      |      |
| 53.  | c    | 71.  | a    | 89.  | c    | 107. | a    | 125. | c    | 143. | d    |      |      |
| 54.  | d    | 72.  | a    | 90.  | b    | 108. | b    | 126. | b    | 144. | a    |      |      |
| 55.  | d    | 73.  | a    | 91.  | c    | 109. | d    | 127. | b    | 145. | d    |      |      |

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## BRIEF EXERCISES

### BE 156

At June 1, 2021, Coquehcot Industries had an accounts receivable balance of \$12,000. During the month, the company performed services on account of \$30,000 and collected accounts receivable of \$22,000. What is the balance in accounts receivable at June 30, 2021?

### Solution 156

The balance at the end of the month is \$20,000, calculated as follows:

|                               |                 |
|-------------------------------|-----------------|
| Beginning accounts receivable | \$12,000        |
| Add: Services on account      | 30,000          |
| Less: Collections             | <u>(22,000)</u> |
| Ending accounts receivable    | <u>\$20,000</u> |

LO 1, SECTION 1 BT: AP Difficulty: Easy TOT: 3 min. AACSB: RT AICPA BB: CT AICPA PC: PS

### BE 157

TNT Company has the following transactions during April of the current year. Indicate (a) the effect on the accounting equation and (b) the debit-credit analysis.

- Apr. 1 Opens a law office, investing \$25,000 in cash.
- 4 Pays rent in advance for 6 months, \$9,000 cash.
- 16 Receives \$8,000 from clients for services provided.
- 27 Pays secretary \$2,800 salary.

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## Solution 157

(a) Effect on Accounting Equation(b) Debit-Credit Analysis

Apr. 1 The asset Cash is increased; the stockholders' equity account Common Stock is increased.

Debits increase assets:  
debit Cash \$25,000.  
Credits increase stockholders' equity:  
credit Common Stock \$25,000.

4 The asset Prepaid Rent is increased; the asset Cash is decreased.

Debits increase assets:  
debit Prepaid Rent \$9,000.  
Credits decrease assets:  
credit Cash \$9,000.

16 The asset Cash is increased; the revenue Service Revenue is increased.

Debits increase assets:  
debit Cash \$8,000.  
Credits increase revenues:  
credit Service Revenue \$8,000.

27 The expense Salaries and Wages Expense is increased; the asset Cash is decreased.

Debits increase expenses:  
debit Salaries and Wages Expense \$2,800.  
Credits decrease assets:  
credit Cash \$2,800.

LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 6 min. AACSB: RT AICPA BB: CT AICPA PC: PS

## BE 158

For each of the following accounts indicate the effect of a debit or a credit on the account and the normal balance. Increase (+), Decrease (–).

|                               | <u>Debit</u> | <u>Credit</u> | <u>Normal Balance</u> |
|-------------------------------|--------------|---------------|-----------------------|
| 1. Salaries and wages expense | _____        | _____         | _____                 |
| 2. Accounts receivable        | _____        | _____         | _____                 |
| 3. Service revenue            | _____        | _____         | _____                 |
| 4. Common stock               | _____        | _____         | _____                 |
| 5. Dividends                  | _____        | _____         | _____                 |

FOR INSTRUCTOR USE ONLY

**Solution 158**

|                               | <u>Debit</u> | <u>Credit</u> | <u>Normal Balance</u> |
|-------------------------------|--------------|---------------|-----------------------|
| 1. Salaries and wages expense | <u>+</u>     | <u>-</u>      | <u>Dr</u>             |
| 2. Accounts receivable        | <u>+</u>     | <u>-</u>      | <u>Dr</u>             |
| 3. Service revenue            | <u>-</u>     | <u>+</u>      | <u>Cr</u>             |
| 4. Common stock               | <u>-</u>     | <u>+</u>      | <u>Cr</u>             |
| 5. Dividends                  | <u>+</u>     | <u>-</u>      | <u>Dr</u>             |

LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 159**

For each of the following transactions of Neon Garden, identify the account to be debited and the account to be credited.

1. Purchased an 18-month insurance policy for cash.
2. Paid weekly payroll.
3. Purchased supplies on account.
4. Received utility bill to be paid at later date.

**Solution 159**

| <u>Transaction</u> | <u>Debit</u>               | <u>Credit</u>    |
|--------------------|----------------------------|------------------|
| 1                  | Prepaid Insurance          | Cash             |
| 2                  | Salaries and Wages Expense | Cash             |
| 3                  | Supplies                   | Accounts Payable |
| 4                  | Utilities Expense          | Accounts Payable |

LO 2, SECTION 2 BT: AP Difficulty: Medium TOT: 4 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 160**

Journalize the following business transactions in general journal form. Identify each transaction by number. You may omit explanations of the transaction.

1. Andrew Bird invested \$35,000 cash in exchange for stock.
2. Hired an employee to be paid \$400 per week, starting tomorrow.
3. Paid two years' rent in advance, \$7,440.
4. Paid the worker's weekly wage.
5. Recorded revenue earned and received for the week, \$1,900.

**FOR INSTRUCTOR USE ONLY**

**Solution 160**

|                                    |        |        |
|------------------------------------|--------|--------|
| 1. Cash.....                       | 35,000 |        |
| Common stock.....                  |        | 35,000 |
| 2. No entry, not a transaction.    |        |        |
| 3. Prepaid Rent .....              | 7,440  |        |
| Cash .....                         |        | 7,440  |
| 4. Salaries and Wages Expense..... | 400    |        |
| Cash .....                         |        | 400    |
| 5. Cash.....                       | 1,900  |        |
| Service Revenue .....              |        | 1,900  |

LO 2, SECTION 2 BT: AP Difficulty: Medium TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 161**

Identify the impact on the accounting equation of the following transactions.

1. Purchased a 36-month insurance policy for cash.
2. Purchased supplies on account.
3. Received utility bill to be paid at later date.
4. Paid utility bill previously accrued.

**Solution 161**

1. Net effect is no change: Increases assets and decreases assets.
2. Increases assets and increases liabilities.
3. Increases liabilities and decreases stockholders' equity.
4. Decreases assets and decreases liabilities

LO 1, SECTION 1 BT: K Difficulty: Easy TOT: 4 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 162**

Journalize the following transactions for Xiu Xiu Company for June 2021, the company's first month of operations. You may omit explanations for the transactions.

1. Purchased equipment on account for \$9,000.
2. Billed customers \$5,000 for services performed.
3. Made payment of \$2,300 on account for equipment purchased earlier in month.
4. Collected \$2,900 on customer accounts.

**FOR INSTRUCTOR USE ONLY**

**Solution 162**

|                             |       |       |
|-----------------------------|-------|-------|
| 1. Equipment.....           | 9,000 |       |
| Accounts Payable.....       |       | 9,000 |
| 2. Accounts Receivable..... | 5,000 |       |
| Service Revenue .....       |       | 5,000 |
| 3. Accounts Payable .....   | 2,300 |       |
| Cash.....                   |       | 2,300 |
| 4. Cash .....               | 2,900 |       |
| Accounts Receivable .....   |       | 2,900 |

LO 2, SECTION 2 BT: AP Difficulty: Medium TOT: 4 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 163**

The following transactions took place for Xiu Xiu Company during June 2021, the company's first period of operations:

- Purchased equipment on account for \$9,000.
- Billed customers \$5,000 for services performed.
- Made payment of \$2,300 on account for equipment purchased earlier in the month.
- Collected \$2,900 on customer accounts.

- What is the balance in Accounts Payable at June 30, 2021?
- What is the balance in Accounts Receivable at June 30, 2021?

**Solution 163**

|                                          |                |
|------------------------------------------|----------------|
| 1. Accounts Payable at June 30, 2021:    |                |
| Beginning accounts payable               | \$ 0           |
| Purchases on account                     | 9,000          |
| Payments on account                      | <u>(2,300)</u> |
| Ending accounts payable                  | <u>\$6,700</u> |
| 2. Accounts Receivable at June 30, 2021: |                |
| Beginning accounts receivable            | \$ 0           |
| Billed to customers                      | 5,000          |
| Collections from customers               | <u>(2,900)</u> |
| Ending accounts receivable               | <u>\$2,100</u> |

LO 3, SECTION 3 BT: AP Difficulty: Medium TOT: 6 min. AACSB: RT AICPA BB: CT AICPA PC: PS

**FOR INSTRUCTOR USE ONLY**

**BE 164**

The transactions of the Liberty Belle Store are recorded in the general journal below. You are to post the journal entries to T-accounts. Liberty Belle is in their first period of operations.

General Journal

| Date   | Account Titles                         | Debit | Credit |
|--------|----------------------------------------|-------|--------|
| 2021   |                                        |       |        |
| Aug. 5 | Accounts Receivable<br>Service Revenue | 4,400 | 4,400  |
| 10     | Cash<br>Service Revenue                | 3,000 | 3,000  |
| 19     | Rent Expense<br>Cash                   | 1,100 | 1,100  |
| 25     | Cash<br>Accounts Receivable            | 1,400 | 1,400  |

General Ledger

|                 |                     |
|-----------------|---------------------|
| Cash            | Accounts Receivable |
| Service Revenue | Rent Expense        |

**FOR INSTRUCTOR USE ONLY**

**Solution 164**General Ledger

| Cash      |       |      |       | Accounts Receivable |       |      |       |
|-----------|-------|------|-------|---------------------|-------|------|-------|
| 8/10      | 3,000 | 8/19 | 1,100 | 8/5                 | 4,400 | 8/25 | 1,400 |
| 8/25      | 1,400 |      |       |                     |       |      |       |
| 8/31 Bal. | 3,300 |      |       | 8/31 Bal.           | 3,000 |      |       |

  

| Service Revenue |  |           |       | Rent Expense |       |  |  |
|-----------------|--|-----------|-------|--------------|-------|--|--|
|                 |  | 8/5       | 4,400 | 8/19         | 1,100 |  |  |
|                 |  | 8/10      | 3,000 |              |       |  |  |
|                 |  | 8/31 Bal. | 7,400 | 8/31 Bal.    | 1,100 |  |  |

LO 3, SECTION 3 BT: AP Difficulty: Medium TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 165**

Prepare a trial balance from the ledger accounts of Black Diamond Express as of January 31, 2021.

|                     |         |                            |        |
|---------------------|---------|----------------------------|--------|
| Accounts Payable    | \$1,100 | Rent Expense               | \$ 500 |
| Accounts Receivable | 1,700   | Service Revenue            | 3,000  |
| Cash                | 1,400   | Supplies                   | 200    |
| Common Stock        | 2,000   | Salaries and Wages Expense | 1,300  |
| Dividends           | 1,000   |                            |        |

**FOR INSTRUCTOR USE ONLY**

**Solution 165**

## BLACK DIAMOND EXPRESS

Trial Balance

January 31, 2021

|                            | <u>Debit</u>   | <u>Credit</u>  |
|----------------------------|----------------|----------------|
| Cash                       | \$1,400        |                |
| Accounts Receivable        | 1,700          |                |
| Supplies                   | 200            |                |
| Accounts Payable           |                | \$1,100        |
| Common Stock               |                | 2,000          |
| Dividends                  | 1,000          |                |
| Service Revenue            |                | 3,000          |
| Rent Expense               | 500            |                |
| Salaries and Wages Expense | 1,300          |                |
|                            | <u>\$6,100</u> | <u>\$6,100</u> |

LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**BE 166**

Prepare a corrected trial balance for Stereolab Company. All accounts should have a normal balance.

## STEREOELAB COMPANY

Trial Balance

For the Quarter Ended March 31, 2021

|                            | <u>Debit</u>     | <u>Credit</u>    |
|----------------------------|------------------|------------------|
| Cash                       | \$14,000         |                  |
| Accounts Receivable        |                  | \$ 23,000        |
| Prepaid Insurance          | 2,500            |                  |
| Equipment                  | 60,000           |                  |
| Accounts Payable           |                  | 15,000           |
| Unearned Service Revenue   | 10,000           |                  |
| Notes Payable              |                  | 25,000           |
| Common Stock               |                  | 38,000           |
| Dividends                  |                  | 1,500            |
| Service Revenue            |                  | 43,000           |
| Salaries and Wages Expense | 15,000           |                  |
| Utilities Expense          | 5,000            |                  |
| Rent Expense               | 10,000           |                  |
|                            | <u>\$116,500</u> | <u>\$145,500</u> |

**FOR INSTRUCTOR USE ONLY**

**Solution 166**

STEREOLAB COMPANY  
 Trial Balance  
 For the Quarter Ended March 31, 2021

|                            | <u>Debit</u>     | <u>Credit</u>    |
|----------------------------|------------------|------------------|
| Cash                       | \$ 14,000        |                  |
| Accounts Receivable        | 23,000           |                  |
| Prepaid Insurance          | 2,500            |                  |
| Equipment                  | 60,000           |                  |
| Accounts Payable           |                  | \$ 15,000        |
| Unearned Service Revenue   |                  | 10,000           |
| Notes Payable              |                  | 25,000           |
| Common Stock               |                  | 38,000           |
| Dividends                  | 1,500            |                  |
| Service Revenue            |                  | 43,000           |
| Salaries and Wages Expense | 15,000           |                  |
| Utilities Expense          | 5,000            |                  |
| Rent Expense               | 10,000           |                  |
|                            | <u>\$131,000</u> | <u>\$131,000</u> |

LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 6 min. AACSB: RT AICPA BB: CT AICPA PC: PS

**FOR INSTRUCTOR USE ONLY**

**EXERCISES****Ex. 167**

The chart of accounts used by Notwist Copy Company is listed below. You are to indicate the proper accounts to be debited and credited for the following transactions by writing the account number(s) in the appropriate boxes.

**CHART OF ACCOUNTS**

|                         |                              |
|-------------------------|------------------------------|
| 101 Cash                | 209 Unearned Service Revenue |
| 112 Accounts Receivable | 311 Common Stock             |
| 125 Supplies            | 332 Dividends                |
| 157 Equipment           | 400 Service Revenue          |
| 200 Notes Payable       | 610 Advertising Expense      |
| 201 Accounts Payable    | 729 Rent Expense             |

|                                                                                                                             | Number(s)<br>of account(s)<br>debited | Number(s)<br>of account(s)<br>credited |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|
| 1. The company issues stock in exchange for \$70,000 cash                                                                   |                                       |                                        |
| 2. Purchased three pieces of equipment for \$160,000, paying \$50,000 cash and signing a 5-year, 10% note for the remainder |                                       |                                        |
| 3. Purchased \$5,000 supplies on credit                                                                                     |                                       |                                        |
| 4. Cash revenue amounted to \$7,000                                                                                         |                                       |                                        |
| 5. Paid \$500 cash for radio advertising                                                                                    |                                       |                                        |
| 6. Paid \$800 on account for supplies purchased in transaction 3                                                            |                                       |                                        |
| 7. The company paid dividends of \$2,100                                                                                    |                                       |                                        |
| 8. Paid \$1,200 cash for rent for the current month                                                                         |                                       |                                        |
| 9. Received \$2,000 cash advance from a customer for future copying                                                         |                                       |                                        |
| 10. Billed a customer for \$575 for photocopy work done                                                                     |                                       |                                        |

**FOR INSTRUCTOR USE ONLY**

**Solution 167**

|                                                                                                                             | Number(s)<br>of account(s)<br>debited | Number(s)<br>of account(s)<br>credited |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|
| 1. The company issues stock in exchange for \$70,000 cash                                                                   | 101                                   | 311                                    |
| 2. Purchased three pieces of equipment for \$160,000, paying \$50,000 cash and signing a 5-year, 10% note for the remainder | 157                                   | 101,200                                |
| 3. Purchased \$5,000 supplies on credit                                                                                     | 125                                   | 201                                    |
| 4. Cash revenue amounted to \$7,000                                                                                         | 101                                   | 400                                    |
| 5. Paid \$500 cash for radio advertising                                                                                    | 610                                   | 101                                    |
| 6. Paid \$800 on account for supplies purchased in transaction 3                                                            | 201                                   | 101                                    |
| 7. The company paid dividends of \$2,100                                                                                    | 332                                   | 101                                    |
| 8. Paid \$1,200 cash for rent for the current month                                                                         | 729                                   | 101                                    |
| 9. Received \$2,000 cash advance from a customer for future copying                                                         | 101                                   | 209                                    |
| 10. Billed a customer for \$575 for photocopy work done                                                                     | 112                                   | 400                                    |

LO 3, SECTION 3 BT: AP Difficulty: Medium TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

**Ex. 168**

Under a double-entry system, show how the entry in each statement is entered in the ledger by using debit or credit to indicate the increase or decrease in the affected account.

|                                              | <u>Debit or Credit</u>      |
|----------------------------------------------|-----------------------------|
| 1. An increase in Salaries and Wages Expense | <u>                    </u> |
| 2. A decrease in Accounts Payable            | <u>                    </u> |
| 3. An increase in Prepaid Insurance          | <u>                    </u> |
| 4. An increase in Common Stock               | <u>                    </u> |
| 5. A decrease in Supplies                    | <u>                    </u> |
| 6. An increase in Dividends                  | <u>                    </u> |
| 7. An increase in Service Revenue            | <u>                    </u> |
| 8. A decrease in Accounts Receivable         | <u>                    </u> |
| 9. An increase in Rent Expense               | <u>                    </u> |
| 10. A decrease in Equipment                  | <u>                    </u> |

**Solution 168**

|                                              |               |
|----------------------------------------------|---------------|
| 1. An increase in Salaries and Wages Expense | <u>Debit</u>  |
| 2. A decrease in Accounts Payable            | <u>Debit</u>  |
| 3. An increase in Prepaid Insurance          | <u>Debit</u>  |
| 4. An increase in Common Stock               | <u>Credit</u> |
| 5. A decrease in Supplies                    | <u>Credit</u> |
| 6. An increase in Dividends                  | <u>Debit</u>  |
| 7. An increase in Service Revenue            | <u>Credit</u> |
| 8. A decrease in Accounts Receivable         | <u>Credit</u> |
| 9. An increase in Rent Expense               | <u>Debit</u>  |
| 10. A decrease in Equipment                  | <u>Credit</u> |

**Ex. 169**

Selected transactions for Good Home, a property management company, in its first month of business, are as follows:

- Jan. 2 Issued stock to investors for \$15,000 cash  
 3 Purchased used car for \$5,200 cash for use in business  
 9 Purchased supplies on account for \$500  
 11 Billed customers \$2,100 for services performed  
 16 Paid \$450 cash for advertising  
 20 Received \$1,300 cash from customers billed on January 11  
 23 Paid creditor \$300 cash on balance owed  
 28 Paid dividends of \$2,000

**Instructions**

For each transaction indicate the following.

- (a) The basic type of account debited and credited (asset (A), liability (L), stockholders' equity (SE)).  
 (b) The specific account debited and credited (cash, rent expense, service revenue, etc.).  
 (c) Whether the specific account is increased (incr.) or decreased (decr).  
 (d) The normal balance of the specific account.

Use the following format, in which the January 2 transaction is given as an example.

| <u>Account Debited</u> |                   |                         |               |                       | <u>Account Credited</u> |                         |               |                       |
|------------------------|-------------------|-------------------------|---------------|-----------------------|-------------------------|-------------------------|---------------|-----------------------|
|                        | (a)               | (b)                     | (c)           | (d)                   | (a)                     | (b)                     | (c)           | (d)                   |
| <u>Date</u>            | <u>Basic Type</u> | <u>Specific Account</u> | <u>Effect</u> | <u>Normal Balance</u> | <u>Basic Type</u>       | <u>Specific Account</u> | <u>Effect</u> | <u>Normal Balance</u> |
| Jan. 2                 | A                 | Cash                    | Incr.         | Debit                 | SE                      | Common Stock            | Incr.         | Credit                |

**FOR INSTRUCTOR USE ONLY**

**Solution 169**

| <u>Date</u> | <u>Account Debited</u>   |                                |                      |                              | <u>Account Credited</u>  |                                |                      |                              |
|-------------|--------------------------|--------------------------------|----------------------|------------------------------|--------------------------|--------------------------------|----------------------|------------------------------|
|             | (a)<br><u>Basic Type</u> | (b)<br><u>Specific Account</u> | (c)<br><u>Effect</u> | (d)<br><u>Normal Balance</u> | (a)<br><u>Basic Type</u> | (b)<br><u>Specific Account</u> | (c)<br><u>Effect</u> | (d)<br><u>Normal Balance</u> |
| Jan. 2      | A                        | Cash                           | Incr.                | Debit                        | SE                       | Common Stock                   | Incr.                | Credit                       |
| 3           | A                        | Equip.                         | Incr.                | Debit                        | A                        | Cash                           | Decr.                | Debit                        |
| 9           | A                        | Supplies                       | Incr.                | Debit                        | L                        | Accts. Pay.                    | Incr.                | Credit                       |
| 11          | A                        | Accts. Rec.                    | Incr.                | Debit                        | SE                       | Service Revenue                | Incr.                | Credit                       |
| 16          | SE                       | Advert. Expense                | Incr.                | Debit                        | A                        | Cash                           | Decr.                | Debit                        |
| 20          | A                        | Cash                           | Incr.                | Debit                        | A                        | Accts. Rec.                    | Decr.                | Debit                        |
| 23          | L                        | Accts. Pay.                    | Decr.                | Credit                       | A                        | Cash                           | Decr.                | Debit                        |
| 28          | SE                       | Dividends                      | Incr.                | Debit                        | A                        | Cash                           | Decr.                | Debit                        |

LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 10 min. AACSB: RT AICPA BB: CT AICPA PC: PS

**Ex. 170**

For the accounts listed below, indicate if the normal balance of the account is a debit or credit.

| <u>Accounts</u>        | <u>Normal Balance<br/>Debit or Credit</u> |
|------------------------|-------------------------------------------|
| 1. Service Revenue     | _____                                     |
| 2. Rent Expense        | _____                                     |
| 3. Accounts Receivable | _____                                     |
| 4. Accounts Payable    | _____                                     |
| 5. Retained Earnings   | _____                                     |
| 6. Supplies            | _____                                     |
| 7. Insurance Expense   | _____                                     |
| 8. Dividends           | _____                                     |
| 9. Buildings           | _____                                     |
| 10. Notes Payable      | _____                                     |

**FOR INSTRUCTOR USE ONLY**

**Solution 170**

| <u>Accounts</u>        | <u>Normal Balance<br/>Debit or Credit</u> |
|------------------------|-------------------------------------------|
| 1. Service Revenue     | Credit                                    |
| 2. Rent Expense        | Debit                                     |
| 3. Accounts Receivable | Debit                                     |
| 4. Accounts Payable    | Credit                                    |
| 5. Retained Earnings   | Credit                                    |
| 6. Supplies            | Debit                                     |
| 7. Insurance Expense   | Debit                                     |
| 8. Dividends           | Debit                                     |
| 9. Buildings           | Debit                                     |
| 10. Notes Payable      | Credit                                    |

LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 171**

For each of the following accounts, indicate the effects of (a) a debit and (b) the normal account balance.

- Notes Payable
- Prepaid Insurance
- Salaries and Wages Expense
- Service Revenue
- Equipment
- Common Stock

**Solution 171**

|                               | <u>Debit Effect</u> | <u>Normal Balance</u> |
|-------------------------------|---------------------|-----------------------|
| 1. Notes Payable              | Decrease            | Credit                |
| 2. Prepaid Insurance          | Increase            | Debit                 |
| 3. Salaries and Wages Expense | Increase            | Debit                 |
| 4. Service Revenue            | Decrease            | Credit                |
| 5. Equipment                  | Increase            | Debit                 |
| 6. Common Stock               | Decrease            | Credit                |

LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 7 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

**Ex. 172**

During an accounting period, a business has numerous transactions affecting each of the following accounts. State for each account whether it is likely to have (a) debit entries only, (b) credit entries only, or (c) both debit and credit entries.

- |                               |                                      |
|-------------------------------|--------------------------------------|
| _____ (1) Advertising Expense | _____ (6) Dividends                  |
| _____ (2) Service Revenue     | _____ (7) Cash                       |
| _____ (3) Accounts Payable    | _____ (8) Salaries and Wages Expense |
| _____ (4) Accounts Receivable | _____ (9) Notes Payable              |
| _____ (5) Common Stock        | _____ (10) Insurance Expense         |

**Solution 172**

- |         |         |          |
|---------|---------|----------|
| (1) (a) | (5) (b) | (9) (c)  |
| (2) (b) | (6) (a) | (10) (a) |
| (3) (c) | (7) (c) |          |
| (4) (c) | (8) (a) |          |

LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 173**

Eight transactions are recorded in the following T-accounts:

| CASH                       |            | ACCOUNTS RECEIVABLE |            |
|----------------------------|------------|---------------------|------------|
| (1) 25,000                 | (2) 3,500  | (5) 27,500          | (7) 22,500 |
| (7) 22,500                 | (3) 1,950  |                     |            |
|                            | (4) 5,100  |                     |            |
|                            | (6) 8,000  |                     |            |
|                            | (8) 3,300  |                     |            |
| SUPPLIES                   |            | EQUIPMENT           |            |
| (3) 1,950                  |            | (2) 13,500          |            |
| COMMON STOCK               |            | SERVICE REVENUE     |            |
|                            | (1) 25,000 |                     | (5) 27,500 |
| ACCOUNTS PAYABLE           |            | DIVIDENDS           |            |
| (6) 8,000                  | (2) 10,000 | (8) 3,300           |            |
| SALARIES AND WAGES EXPENSE |            |                     |            |
| (4) 5,100                  |            |                     |            |

**FOR INSTRUCTOR USE ONLY**

**Ex. 173** (cont.)

Indicate for each debit and each credit: (a) whether an asset, liability, stockholders' equity, revenue, or expense account was affected and (b) whether the account was increased (+) or (–) decreased. Answers should be presented in the following chart form:

| Transaction<br>No. | <u>Account Debited</u> |               | <u>Account Credited</u> |               |
|--------------------|------------------------|---------------|-------------------------|---------------|
|                    | (a)<br>Type            | (b)<br>Effect | (a)<br>Type             | (b)<br>Effect |
| (1) (Example)      | Asset                  | +             | Stockholders'<br>equity | +             |
| (2)                |                        |               |                         |               |
| (3)                |                        |               |                         |               |
| (4)                |                        |               |                         |               |
| (5)                |                        |               |                         |               |
| (6)                |                        |               |                         |               |
| (7)                |                        |               |                         |               |
| (8)                |                        |               |                         |               |

FOR INSTRUCTOR USE ONLY

**Solution 173**

| Transaction<br>No. | <u>Account Debited</u>  |               | <u>Account Credited</u> |               |
|--------------------|-------------------------|---------------|-------------------------|---------------|
|                    | (a)<br>Type             | (b)<br>Effect | (a)<br>Type             | (b)<br>Effect |
| (1) (Example)      | Asset                   | +             | Stockholders'<br>equity | +             |
| (2)                | Asset                   | +             | Asset<br>Liability      | -<br>+        |
| (3)                | Asset                   | +             | Asset                   | -             |
| (4)                | Expense                 | +             | Asset                   | -             |
| (5)                | Asset                   | +             | Revenue                 | +             |
| (6)                | Liability               | -             | Asset                   | -             |
| (7)                | Asset                   | +             | Asset                   | -             |
| (8)                | Stockholders'<br>equity | -             | Asset                   | -             |

LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 174**

For each of the following accounts indicate (a) the type of account (Asset, Liability, Stockholders' Equity, Revenue, Expense), (b) the debit and credit effects, and (c) the normal account balance.

Example

0. Cash
- Asset account
  - Debit increases, credit decreases
  - Normal balance - debit

| <u>Accounts</u>        |                      |
|------------------------|----------------------|
| 1. Accounts Payable    | 5. Service Revenue   |
| 2. Accounts Receivable | 6. Insurance Expense |
| 3. Common Stock        | 7. Notes Payable     |
| 4. Dividends           | 8. Equipment         |

**FOR INSTRUCTOR USE ONLY**

**Solution 174**

- |                                                                                                          |                                                                                               |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1. a. Liability account<br>b. Debit decreases, credit increases<br>c. Normal balance - credit            | 5. a. Revenue account<br>b. Debit decreases, credit increases<br>c. Normal balance - credit   |
| 2. a. Asset account<br>b. Debit increases, credit decreases<br>c. Normal balance - debit                 | 6. a. Expense account<br>b. Debit increases, credit decreases<br>c. Normal balance - debit    |
| 3. a. Stockholders' Equity account<br>b. Debit decreases, credit increases<br>c. Normal balance - credit | 7. a. Liability account<br>b. Debit decreases, credit increases<br>c. Normal balance - credit |
| 4. a. Stockholders' Equity account<br>b. Debit increases, credit decreases<br>c. Normal balance - debit  | 8. a. Asset account<br>b. Debit increases, credit decreases<br>c. Normal balance - debit      |

LO 1, SECTION 1 BT: C Difficulty: Easy TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 175**

For each transaction given, enter in the tabulation given below a "D" for debit and a "C" for credit to reflect the increases and decreases of the assets, liabilities, and stockholders' equity accounts. In some cases there may be a "D" and a "C" in the same box.

Transactions:

1. Invests cash in exchange for stock.
2. Pays insurance in advance for six months.
3. Pays secretary's salary.
4. Purchases supplies on account.
5. Pays electricity bill.
6. Borrows money from local bank.
7. Makes payment on account.
8. Receives cash due from customers.
9. Provides services on account.
10. The company pays a dividends.

|              | Transaction # |   |   |   |   |   |   |   |   |    |
|--------------|---------------|---|---|---|---|---|---|---|---|----|
|              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Assets       |               |   |   |   |   |   |   |   |   |    |
| Liabilities  |               |   |   |   |   |   |   |   |   |    |
| Common stock |               |   |   |   |   |   |   |   |   |    |
| Dividends    |               |   |   |   |   |   |   |   |   |    |
| Revenues     |               |   |   |   |   |   |   |   |   |    |
| Expenses     |               |   |   |   |   |   |   |   |   |    |

**FOR INSTRUCTOR USE ONLY**

**Solution 175**

|              | Transaction # |     |   |   |   |   |   |     |   |    |
|--------------|---------------|-----|---|---|---|---|---|-----|---|----|
|              | 1             | 2   | 3 | 4 | 5 | 6 | 7 | 8   | 9 | 10 |
| Assets       | D             | D,C | C | D | C | D | C | D,C | D | C  |
| Liabilities  |               |     |   | C |   | C | D |     |   |    |
| Common stock | C             |     |   |   |   |   |   |     |   |    |
| Dividends    |               |     |   |   |   |   |   |     |   | D  |
| Revenues     |               |     |   |   |   |   |   |     | C |    |
| Expenses     |               |     | D |   | D |   |   |     |   |    |

LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 176**

Journalize the following business transactions in general journal form. Identify each transaction by number. You may omit explanations of the transactions.

1. The company issues stock in exchange for \$40,000 cash
2. Purchased \$400 of supplies on credit
3. Purchased equipment for \$8,000, paying \$2,000 in cash and signed a 30-day, \$6,000, note payable
4. Real estate commissions billed to clients amount to \$4,000
5. Paid \$700 in cash for the current month's rent
6. Paid \$200 cash on account for supplies purchased in transaction 2
7. Received a bill for \$600 for advertising for the current month
8. Paid \$2,200 cash for office salaries and wages
9. The company paid dividends of \$1,500
10. Received a check for \$3,000 from a client in payment on account for commissions billed in transaction 4

**FOR INSTRUCTOR USE ONLY**

**Solution 176**

|     |                                 |        |        |
|-----|---------------------------------|--------|--------|
| 1.  | Cash.....                       | 40,000 |        |
|     | Common stock.....               |        | 40,000 |
| 2.  | Supplies .....                  | 400    |        |
|     | Accounts Payable .....          |        | 400    |
| 3.  | Equipment.....                  | 8,000  |        |
|     | Cash .....                      |        | 2,000  |
|     | Notes Payable .....             |        | 6,000  |
| 4.  | Accounts Receivable.....        | 4,000  |        |
|     | Service Revenue .....           |        | 4,000  |
| 5.  | Rent Expense.....               | 700    |        |
|     | Cash .....                      |        | 700    |
| 6.  | Accounts Payable.....           | 200    |        |
|     | Cash .....                      |        | 200    |
| 7.  | Advertising Expense.....        | 600    |        |
|     | Accounts Payable .....          |        | 600    |
| 8.  | Salaries and Wages Expense..... | 2,200  |        |
|     | Cash .....                      |        | 2,200  |
| 9.  | Dividends .....                 | 1,500  |        |
|     | Cash .....                      |        | 1,500  |
| 10. | Cash.....                       | 3,000  |        |
|     | Accounts Receivable .....       |        | 3,000  |

LO 2, SECTION 2 BT: AP Difficulty: Medium TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 177**

Identify the accounts to be debited and credited for each of the following transactions.

1. Invested \$8,000 cash in the business in exchange for stock
2. Purchased supplies on account for \$1,000
3. Billed customers \$2,000 for services performed
4. Paid salaries of \$1,200

**Solution 177**

|    | <u>Account Debited</u>     | <u>Account Credited</u> |
|----|----------------------------|-------------------------|
| 1. | Cash                       | Common Stock            |
| 2. | Supplies                   | Accounts Payable        |
| 3. | Accounts Receivable        | Service Revenue         |
| 4. | Salaries and Wages Expense | Cash                    |

LO 2, SECTION 2 BT: C Difficulty: Easy TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

**Ex. 178**

Transactions for Tom Petty Company for the month of October are presented below. Journalize each transaction and identify each transaction by number. You may omit journal explanations.

1. Invested \$40,000 cash in the business in exchange for stock.
2. Purchased land costing \$28,000 for cash.
3. Purchased equipment costing \$15,000 for \$3,000 cash and the remainder on credit.
4. Purchased supplies on account for \$800.
5. Paid \$1,000 for a one-year insurance policy.
6. Received \$3,000 cash for services performed.
7. Received \$4,000 for services previously performed on account.
8. Paid wages to employees for \$2,500.
9. Paid dividends of \$2,000.

**Solution 178**

|                                    |        |        |
|------------------------------------|--------|--------|
| 1. Cash.....                       | 40,000 |        |
| Common stock.....                  |        | 40,000 |
| 2. Land .....                      | 28,000 |        |
| Cash .....                         |        | 28,000 |
| 3. Equipment .....                 | 15,000 |        |
| Cash .....                         |        | 3,000  |
| Accounts Payable .....             |        | 12,000 |
| 4. Supplies .....                  | 800    |        |
| Accounts Payable .....             |        | 800    |
| 5. Prepaid Insurance .....         | 1,000  |        |
| Cash .....                         |        | 1,000  |
| 6. Cash.....                       | 3,000  |        |
| Service Revenue .....              |        | 3,000  |
| 7. Cash.....                       | 4,000  |        |
| Accounts Receivable .....          |        | 4,000  |
| 8. Salaries and Wages Expense..... | 2,500  |        |
| Cash .....                         |        | 2,500  |
| 9. Dividends .....                 | 2,000  |        |
| Cash .....                         |        | 2,000  |

LO 2, SECTION 2 BT: AP Difficulty: Medium TOT: 10 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

**Ex. 179**

Match the basic step in the recording process described by each of the following statements.

- A. Analyze each transaction
- B. Enter each transaction in a journal
- C. Transfer journal information to ledger accounts

- \_\_\_\_ 1. This step is called posting.
- \_\_\_\_ 2. Business documents are examined to determine the effects of transactions on the accounts.
- \_\_\_\_ 3. This step is called journalizing.

**Solution 179**

1. C                      2. A                      3. B

LO 2, SECTION 2 BT: C Difficulty: Easy TOT: 2 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 180**

Prepare journal entries for each of the following transactions.

- 1. Performed services for customers on account \$8,000.
- 2. Purchased \$20,000 of equipment on account.
- 3. Received \$3,000 from customers in transaction 1.
- 4. Paid dividends of \$2,000.

**Solution 180**

|                             |        |        |
|-----------------------------|--------|--------|
| 1. Accounts Receivable..... | 8,000  |        |
| Service Revenue .....       |        | 8,000  |
| 2. Equipment.....           | 20,000 |        |
| Accounts Payable.....       |        | 20,000 |
| 3. Cash .....               | 3,000  |        |
| Accounts Receivable .....   |        | 3,000  |
| 4. Dividends .....          | 2,000  |        |
| Cash.....                   |        | 2,000  |

LO 2, SECTION 2 BT: AP Difficulty: Easy TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

**Ex. 181**

Sigur Ros Company is a newly organized business. The list of accounts to be opened in the general ledger is as follows:

|                          |                            |
|--------------------------|----------------------------|
| Accounts Payable         | Prepaid Insurance          |
| Accounts Receivable      | Prepaid Rent               |
| Accumulated Depreciation | Rent Expense               |
| Cash                     | Salaries and Wages Expense |
| Common Stock             | Salaries and Wages Payable |
| Depreciation Expense     | Service Revenue            |
| Dividends                | Supplies                   |
| Equipment                | Utilities Expense          |
| Insurance Expense        |                            |

**Instructions**

Organize the accounts into the order in which they should appear in the ledger of Sigur Ros Company and assign account numbers. Use the following system to assign account numbers.

|         |                      |
|---------|----------------------|
| 1—199   | Assets               |
| 200—299 | Liabilities          |
| 300—399 | Stockholders' Equity |
| 400—499 | Revenues             |
| 500—599 | Expenses             |

**Solution 181**

There are several possible correct account number assignments. The following is one of the correct solutions.

- 101- Cash
- 112- Accounts Receivable
- 125- Supplies
- 130- Prepaid Insurance
- 140- Prepaid Rent
- 157- Equipment
- 158- Accumulated Depreciation
- 201- Accounts Payable
- 212- Salaries and Wages Payable
- 311- Common Stock
- 332- Dividends
- 400- Service Revenue
- 510- Salaries and Wages Expense
- 520- Utilities Expense
- 530- Rent Expense
- 540- Insurance Expense
- 550- Depreciation Expense

**Ex. 182**

The transactions of Medina Information Service are recorded in the general journal below. You are to post the journal entries to the accounts in the general ledger, assuming that it is Medina's first period of operations. After all entries have been posted, you are to prepare a trial balance on the form provided.

| <u>General Journal</u> |                                                       |      |        | J1     |
|------------------------|-------------------------------------------------------|------|--------|--------|
| Date                   | Account Titles and Explanation                        | Ref. | Debit  | Credit |
| 2021                   |                                                       |      |        |        |
| Sept. 1                | Cash                                                  |      | 25,000 |        |
|                        | Common Stock                                          |      |        | 25,000 |
|                        | (Issued stock for cash)                               |      |        |        |
| 4                      | Equipment                                             |      | 30,000 |        |
|                        | Cash                                                  |      |        | 10,000 |
|                        | Notes Payable                                         |      |        | 20,000 |
|                        | (Paid cash and issued 2-year, 9%, note for equipment) |      |        |        |
| 8                      | Rent Expense                                          |      | 1,000  |        |
|                        | Cash                                                  |      |        | 1,000  |
|                        | (Paid September rent)                                 |      |        |        |
| 15                     | Prepaid Insurance                                     |      | 400    |        |
|                        | Cash                                                  |      |        | 400    |
|                        | (Paid one-year liability insurance)                   |      |        |        |
| 18                     | Cash                                                  |      | 2,500  |        |
|                        | Service Revenue                                       |      |        | 2,500  |
|                        | (Received cash for delivery services)                 |      |        |        |
| 20                     | Salaries and Wages Expense                            |      | 500    |        |
|                        | Cash                                                  |      |        | 500    |
|                        | (Paid salaries for current period)                    |      |        |        |
| 25                     | Utilities Expense                                     |      | 100    |        |
|                        | Accounts Payable                                      |      |        | 100    |
|                        | (Received a bill for September utilities)             |      |        |        |
| 30                     | Dividends                                             |      | 1,500  |        |
|                        | Cash                                                  |      |        | 1,500  |
|                        | (Paid dividends)                                      |      |        |        |
| 30                     | Accounts Receivable                                   |      | 4,000  |        |
|                        | Service Revenue                                       |      |        | 4,000  |
|                        | (Billed customer for delivery service)                |      |        |        |

**FOR INSTRUCTOR USE ONLY**

Ex. 182 (cont.)

General Ledger

| Cash |             |      | Account No. 101 |        |         |
|------|-------------|------|-----------------|--------|---------|
| Date | Explanation | Ref. | Debit           | Credit | Balance |

| Accounts Receivable |             |      | Account No. 112 |        |         |
|---------------------|-------------|------|-----------------|--------|---------|
| Date                | Explanation | Ref. | Debit           | Credit | Balance |

| Prepaid Insurance |             |      | Account No. 130 |        |         |
|-------------------|-------------|------|-----------------|--------|---------|
| Date              | Explanation | Ref. | Debit           | Credit | Balance |

| Equipment |             |      | Account No. 155 |        |         |
|-----------|-------------|------|-----------------|--------|---------|
| Date      | Explanation | Ref. | Debit           | Credit | Balance |

| Accounts Payable |             |      | Account No. 201 |        |         |
|------------------|-------------|------|-----------------|--------|---------|
| Date             | Explanation | Ref. | Debit           | Credit | Balance |

FOR INSTRUCTOR USE ONLY

**Ex. 182** (cont.)

| Notes Payable |             |      |       |        | Account No. 205 |
|---------------|-------------|------|-------|--------|-----------------|
| Date          | Explanation | Ref. | Debit | Credit | Balance         |

| Common Stock |             |      |       |        | Account No. 311 |
|--------------|-------------|------|-------|--------|-----------------|
| Date         | Explanation | Ref. | Debit | Credit | Balance         |

| Dividends |             |      |       |        | Account No. 332 |
|-----------|-------------|------|-------|--------|-----------------|
| Date      | Explanation | Ref. | Debit | Credit | Balance         |

| Service Revenue |             |      |       |        | Account No. 400 |
|-----------------|-------------|------|-------|--------|-----------------|
| Date            | Explanation | Ref. | Debit | Credit | Balance         |

| Rent Expense |             |      |       |        | Account No. 719 |
|--------------|-------------|------|-------|--------|-----------------|
| Date         | Explanation | Ref. | Debit | Credit | Balance         |

**FOR INSTRUCTOR USE ONLY**

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**Ex. 182** (cont.)

| Salaries and Wages Expense |             |      |       | Account No. 726 |         |
|----------------------------|-------------|------|-------|-----------------|---------|
| Date                       | Explanation | Ref. | Debit | Credit          | Balance |

| Utilities Expense |             |      |       | Account No. 735 |         |
|-------------------|-------------|------|-------|-----------------|---------|
| Date              | Explanation | Ref. | Debit | Credit          | Balance |

MEDINA INFORMATION SERVICE  
Trial Balance  
September 30, 2021

| Accounts | Debit | Credit |
|----------|-------|--------|
|----------|-------|--------|

**FOR INSTRUCTOR USE ONLY**

**Solution 182**

| <u>General Journal</u> |                                                       |      |        | J1     |
|------------------------|-------------------------------------------------------|------|--------|--------|
| Date                   | Account Titles and Explanation                        | Ref. | Debit  | Credit |
| 2021                   |                                                       |      |        |        |
| Sept. 1                | Cash                                                  | 101  | 25,000 |        |
|                        | Common Stock                                          | 311  |        | 25,000 |
|                        | (Issued stock for cash)                               |      |        |        |
| 4                      | Equipment                                             | 155  | 30,000 |        |
|                        | Cash                                                  | 101  |        | 10,000 |
|                        | Notes Payable                                         | 205  |        | 20,000 |
|                        | (Paid cash and issued 2-year, 9%, note for equipment) |      |        |        |
| 8                      | Rent Expense                                          | 719  | 1,000  |        |
|                        | Cash                                                  | 101  |        | 1,000  |
|                        | (Paid September rent)                                 |      |        |        |
| 15                     | Prepaid Insurance                                     | 130  | 400    |        |
|                        | Cash                                                  | 101  |        | 400    |
|                        | (Paid one-year liability insurance)                   |      |        |        |
| 18                     | Cash                                                  | 101  | 2,500  |        |
|                        | Service Revenue                                       | 400  |        | 2,500  |
|                        | (Received cash for delivery services)                 |      |        |        |
| 20                     | Salaries and Wages Expense                            | 726  | 500    |        |
|                        | Cash                                                  | 101  |        | 500    |
|                        | (Paid salaries for current period)                    |      |        |        |
| 25                     | Utilities Expense                                     | 735  | 100    |        |
|                        | Accounts Payable                                      | 201  |        | 100    |
|                        | (Received a bill for September utilities)             |      |        |        |
| 30                     | Dividends                                             | 332  | 1,500  |        |
|                        | Cash                                                  | 101  |        | 1,500  |
|                        | (Paid dividends)                                      |      |        |        |
| 30                     | Accounts Receivable                                   | 112  | 4,000  |        |
|                        | Service Revenue                                       | 400  |        | 4,000  |
|                        | (Billed customer for delivery service)                |      |        |        |

**FOR INSTRUCTOR USE ONLY**

**2 - 60 Test Bank for Financial & Managerial Accounting, Fourth Edition****Solution 182 (cont.)**General Ledger

| Cash    |             |      | Account No. 101 |        |         |
|---------|-------------|------|-----------------|--------|---------|
| Date    | Explanation | Ref. | Debit           | Credit | Balance |
| 2021    |             |      |                 |        |         |
| Sept. 1 |             | J1   | 25,000          |        | 25,000  |
| 4       |             | J1   |                 | 10,000 | 15,000  |
| 8       |             | J1   |                 | 1,000  | 14,000  |
| 15      |             | J1   |                 | 400    | 13,600  |
| 18      |             | J1   | 2,500           |        | 16,100  |
| 20      |             | J1   |                 | 500    | 15,600  |
| 30      |             | J1   |                 | 1,500  | 14,100  |

| Accounts Receivable |             |      | Account No. 112 |        |         |
|---------------------|-------------|------|-----------------|--------|---------|
| Date                | Explanation | Ref. | Debit           | Credit | Balance |
| 2021                |             |      |                 |        |         |
| Sept. 30            |             | J1   | 4,000           |        | 4,000   |

| Prepaid Insurance |             |      | Account No. 130 |        |         |
|-------------------|-------------|------|-----------------|--------|---------|
| Date              | Explanation | Ref. | Debit           | Credit | Balance |
| 2021              |             |      |                 |        |         |
| Sept. 15          |             | J1   | 400             |        | 400     |

| Equipment |             |      | Account No. 155 |        |         |
|-----------|-------------|------|-----------------|--------|---------|
| Date      | Explanation | Ref. | Debit           | Credit | Balance |
| 2021      |             |      |                 |        |         |
| Sept. 4   |             | J1   | 30,000          |        | 30,000  |

| Accounts Payable |             |      | Account No. 201 |        |         |
|------------------|-------------|------|-----------------|--------|---------|
| Date             | Explanation | Ref. | Debit           | Credit | Balance |
| 2021             |             |      |                 |        |         |
| Sept. 25         |             | J1   |                 | 100    | 100     |

**FOR INSTRUCTOR USE ONLY**

**Solution 182** (cont.)

| Notes Payable   |             |      |       | Account No. 205 |         |
|-----------------|-------------|------|-------|-----------------|---------|
| Date            | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 4 |             | J1   |       | 20,000          | 20,000  |

| Common Stock    |             |      |       | Account No. 311 |         |
|-----------------|-------------|------|-------|-----------------|---------|
| Date            | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 1 |             | J1   |       | 25,000          | 25,000  |

| Dividends        |             |      |       | Account No. 332 |         |
|------------------|-------------|------|-------|-----------------|---------|
| Date             | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 30 |             | J1   | 1,500 |                 | 1,500   |

| Service Revenue  |             |      |       | Account No. 400 |         |
|------------------|-------------|------|-------|-----------------|---------|
| Date             | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 18 |             | J1   |       | 2,500           | 2,500   |
| 30               |             | J1   |       | 4,000           | 6,500   |

| Rent Expense    |             |      |       | Account No. 719 |         |
|-----------------|-------------|------|-------|-----------------|---------|
| Date            | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 8 |             | J1   | 1,000 |                 | 1,000   |

| Salaries and Wages Expense |             |      |       | Account No. 726 |         |
|----------------------------|-------------|------|-------|-----------------|---------|
| Date                       | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 20           |             | J1   | 500   |                 | 500     |

**FOR INSTRUCTOR USE ONLY**

**2 - 62 Test Bank for Financial & Managerial Accounting, Fourth Edition****Solution 182** (cont.)

| Utilities Expense |             |      |       | Account No. 735 |         |
|-------------------|-------------|------|-------|-----------------|---------|
| Date              | Explanation | Ref. | Debit | Credit          | Balance |
| 2021<br>Sept. 25  |             | J1   | 100   |                 | 100     |

MEDINA INFORMATION SERVICE  
Trial Balance  
September 30, 2021

| Accounts                   | Debit           | Credit          |
|----------------------------|-----------------|-----------------|
| Cash                       | \$14,100        |                 |
| Accounts Receivable        | 4,000           |                 |
| Prepaid Insurance          | 400             |                 |
| Equipment                  | 30,000          |                 |
| Accounts Payable           |                 | \$ 100          |
| Notes Payable              |                 | 20,000          |
| Common Stock               |                 | 25,000          |
| Dividends                  | 1,500           |                 |
| Service Revenue            |                 | 6,500           |
| Rent Expense               | 1,000           |                 |
| Salaries and Wages Expense | 500             |                 |
| Utilities Expense          | 100             |                 |
| Totals                     | <u>\$51,600</u> | <u>\$51,600</u> |

LO 3, SECTION 3, 4 BT: AP Difficulty: Hard TOT: 25 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

**Ex. 183**

The bookkeeper for Panda Bear Yard Service made a number of errors in journalizing and posting as described below:

1. A debit posting to accounts receivable for \$500 was omitted.
2. A payment of accounts payable for \$600 was credited to cash and debited to accounts receivable.
3. A credit to accounts receivable for \$950 was posted as \$95.
4. A cash purchase of equipment for \$893 was journalized as a debit to equipment and a credit to notes payable. The credit posting was made for \$839 while the debit posting was made for \$893.
5. A debit posting of \$400 for purchase of supplies was credited to supplies.
6. A debit to maintenance and repairs expense for \$451 was posted as \$415.
7. A debit posting for salaries and wages expense for \$900 was made twice.
8. A cash purchase of supplies for \$700 was journalized and posted as a debit to supplies for \$70 and a credit to cash for \$70.

**Instructions**

For each error, indicate (a) whether the trial balance will balance; if the trial balance will not balance, indicate (b) the amount of the difference, and (c) the trial balance column that will have the larger total. Consider each error separately. Use the following form, in which error (1) is given as an example.

| <u>Error</u> | (A)<br><u>In Balance</u> | (B)<br><u>Difference</u> | (C)<br><u>Larger Column</u> |
|--------------|--------------------------|--------------------------|-----------------------------|
| 1            | No                       | \$500                    | Credit                      |

**Solution 183**

| <u>Error</u> | (A)<br><u>In Balance</u> | (B)<br><u>Difference</u> | (C)<br><u>Larger Column</u> |
|--------------|--------------------------|--------------------------|-----------------------------|
| 1            | No                       | \$500                    | Credit                      |
| 2            | Yes                      | —                        | —                           |
| 3            | No                       | 855                      | Debit                       |
| 4            | No                       | 54                       | Debit                       |
| 5            | No                       | 800                      | Credit                      |
| 6            | No                       | 36                       | Credit                      |
| 7            | No                       | 900                      | Debit                       |
| 8            | Yes                      | —                        | —                           |

LO 4, SECTION 4 BT: AN Difficulty: Hard TOT: 15 min. AACSB: Analysis AICPA BB: CT AICPA PC: PS

**FOR INSTRUCTOR USE ONLY**

**Ex. 184**

Post the following transactions to T-accounts and determine each account's ending balance assuming that it is the company's first period of operations.

|                              |       |       |
|------------------------------|-------|-------|
| 1. Supplies .....            | 2,800 |       |
| Accounts Payable .....       |       | 2,800 |
| 2. Accounts Receivable ..... | 4,000 |       |
| Service Revenue .....        |       | 4,000 |
| 3. Cash .....                | 3,000 |       |
| Accounts Receivable .....    |       | 3,000 |
| 4. Accounts Payable.....     | 1,000 |       |
| Cash .....                   |       | 1,00  |

**Solution 184**

| Cash       |          | Accounts Payable |            |
|------------|----------|------------------|------------|
| 3. 3,000   | 4. 1,000 | 4. 1,000         | 1. 2,800   |
| Bal. 2,000 |          |                  | Bal. 1,800 |

  

| Accounts Receivable |          | Service Revenue |            |
|---------------------|----------|-----------------|------------|
| 2. 4,000            | 3. 3,000 |                 | 2. 4,000   |
| Bal. 1,000          |          |                 | Bal. 4,000 |

  

| Supplies   |  |
|------------|--|
| 1. 2,800   |  |
| Bal. 2,800 |  |

LO 3, SECTION 3 BT: AP Difficulty: Easy TOT: 6 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 185**

The trial balance of Red House Painters shown below does not balance.

## RED HOUSE PAINTERS

Trial Balance

June 30, 2021

|                                      | <u>Debit</u>    | <u>Credit</u>   |
|--------------------------------------|-----------------|-----------------|
| Cash .....                           | \$ 2,780        |                 |
| Accounts Receivable.....             | 7,420           |                 |
| Supplies .....                       | 600             |                 |
| Equipment.....                       | 8,300           |                 |
| Accounts Payable .....               |                 | \$ 9,777        |
| Common Stock .....                   |                 | 1,952           |
| Dividends .....                      | 1,300           |                 |
| Service Revenue.....                 |                 | 15,200          |
| Salaries and Wages Expense .....     | 3,800           |                 |
| Maintenance and Repairs Expense..... | 1,600           |                 |
| Totals .....                         | <u>\$25,800</u> | <u>\$26,929</u> |

An examination of the ledger and journal reveals the following errors:

1. Each of the above listed accounts has a normal balance per the general ledger.
2. Cash of \$270 received from a customer on account was debited to Cash \$720 and credited to Accounts Receivable \$720.
3. A dividend of \$400 was posted as a credit to Dividends \$400 and credit to Cash \$400.
4. A debit of \$300 was not posted to Salaries and Wages Expense.
5. The purchase of equipment on account for \$700 was recorded as a debit to Maintenance and Repairs Expense and a credit to Accounts Payable for \$700.
6. Services were performed on account for a customer, \$510, for which Accounts Receivable was debited \$510 and Service Revenue was credited \$51.
7. A payment on account for \$235 was credited to Cash for \$235 and credited to Accounts Payable for \$253.

**Instructions**

Prepare a correct trial balance.

**FOR INSTRUCTOR USE ONLY**

**Solution 185**

RED HOUSE PAINTERS  
Trial Balance  
June 30, 2021

|                                                        | <u>Debit</u>    | <u>Credit</u>   |
|--------------------------------------------------------|-----------------|-----------------|
| Cash [2,780 – 450 (2)].....                            | \$ 2,330        | \$              |
| Accounts Receivable [7,420 + 450 (2)].....             | 7,870           |                 |
| Supplies .....                                         | 600             |                 |
| Equipment [8,300 + 700 (5)].....                       | 9,000           |                 |
| Accounts Payable [9,777 – 253 - 235 (7)].....          |                 | 9,289           |
| Common Stock.....                                      |                 | 1,952           |
| Dividends [1,300 + 400 + 400 (3)] .....                | 2,100           |                 |
| Service Revenue [15,200 + 459 (6)] .....               |                 | 15,659          |
| Salaries and Wages Expense [3,800 + 300 (4)].....      | 4,100           |                 |
| Maintenance and Repairs Expense [1,600 – 700 (5)]..... | 900             |                 |
| Totals.....                                            | <u>\$26,900</u> | <u>\$26,900</u> |

LO 4, SECTION 4 BT: AN Difficulty: Hard TOT: 25 min. AACSB: Analysis AICPA BB: CT AICPA PC: PS

**Ex. 186**

Some of the following errors would cause the debit and credit columns of the trial balance to have unequal totals. For each of the four cases, state whether the error would cause unequal totals in the trial balance. If the error causes unequal totals, indicate the amount of difference between the columns and state whether the debit or credit is larger. Each case is to be considered independently of the others.

1. A payment of \$500 to a creditor was recorded by a debit to Accounts Payable of \$50 and a credit to Cash of \$500.
2. A \$480 payment for a printer was recorded by a debit to Equipment of \$48 and a credit to Cash for \$48.
3. An account receivable in the amount of \$2,500 was collected in full. The collection was recorded by a debit to Cash for \$2,500 and a debit to Accounts Payable for \$2,500.
4. An account payable was paid by issuing a check for \$800. The payment was recorded by debiting Accounts Payable \$800 and crediting Accounts Receivable \$800.

**FOR INSTRUCTOR USE ONLY**

**Solution 186**

1. The trial balance totals will be unequal. The credit column will be \$450 larger than the debit column.
2. The trial balance totals will be misstated but not unequal.
3. The trial balance totals will be unequal. The debit column will be \$5,000 larger than the credit column.
4. The trial balance totals will be misstated but not unequal.

LO 4, SECTION 4 BT: AN Difficulty: Medium TOT: 5 min. AACSB: Analysis AICPA BB: CT AICPA PC: PS

**Ex. 187**

L. Phair and Associates is a financial planning service. The account balances at December 31, 2021 are shown by the following alphabetical list:

|                     |          |
|---------------------|----------|
| Accounts Payable    | \$ 5,000 |
| Accounts Receivable | 19,000   |
| Buildings           | 140,000  |
| Cash                | 11,700   |
| Common Stock        | 143,400  |
| Equipment           | 15,400   |
| Land                | 42,000   |
| Notes Payable       | 95,000   |
| Notes Receivable    | 8,100    |
| Prepaid Insurance   | 6,400    |
| Supplies            | 800      |

**Instructions**

Prepare a trial balance with the accounts arranged in financial statement order.

**Solution 187**

## L. PHAIR AND ASSOCIATES

Trial Balance

December 31, 2021

|                          | <u>Debit</u>     | <u>Credit</u>    |
|--------------------------|------------------|------------------|
| Cash.....                | \$ 11,700        |                  |
| Accounts Receivable..... | 19,000           |                  |
| Prepaid Insurance.....   | 6,400            |                  |
| Supplies .....           | 800              |                  |
| Notes Receivable .....   | 8,100            |                  |
| Equipment.....           | 15,400           |                  |
| Buildings .....          | 140,000          |                  |
| Land.....                | 42,000           |                  |
| Accounts Payable.....    |                  | \$ 5,000         |
| Notes Payable.....       |                  | 95,000           |
| Common Stock.....        |                  | 143,400          |
| Totals .....             | <u>\$243,400</u> | <u>\$243,400</u> |

LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 10 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 188**

The ledger accounts of the Fabulous Muscles Gym at June 30, 2021 are shown below:

|                     |          |
|---------------------|----------|
| Accounts Payable    | \$ 9,100 |
| Accounts Receivable | 1,050    |
| Buildings           | 43,000   |
| Cash                | 14,100   |
| Common Stock        | 62,800   |
| Dividends           | 10,500   |
| Equipment           | 42,900   |
| Notes Payable       | 40,000   |
| Supplies            | 350      |

**Instructions**

Prepare a trial balance with the ledger accounts arranged in the proper financial statement order. Include the appropriate heading.

**FOR INSTRUCTOR USE ONLY**

**Solution 188****FABULOUS MUSCLES GYM**

Trial Balance  
June 30, 2021

|                          | <u>Debit</u>     | <u>Credit</u>    |
|--------------------------|------------------|------------------|
| Cash .....               | \$14,100         |                  |
| Accounts Receivable..... | 1,050            |                  |
| Supplies .....           | 350              |                  |
| Equipment.....           | 42,900           |                  |
| Buildings .....          | 43,000           |                  |
| Notes Payable.....       |                  | \$ 40,000        |
| Accounts Payable .....   |                  | 9,100            |
| Common Stock .....       |                  | 62,800           |
| Dividends .....          | 10,500           |                  |
| Totals .....             | <u>\$111,900</u> | <u>\$111,900</u> |

LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 10 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex. 189**

The ledger account balances for Galaxie 500 Company are listed below.

|                            |          |
|----------------------------|----------|
| Accounts Payable           | \$ 6,000 |
| Accounts Receivable        | 7,000    |
| Cash                       | 5,200    |
| Common Stock               | 11,000   |
| Dividends                  | 4,000    |
| Salaries and Wages Expense | 20,800   |
| Service Revenue            | 30,000   |
| Unearned Service Revenue   | 2,000    |
| Utilities Expense          | 12,000   |

**Instructions**

Prepare a trial balance in proper form for Galaxie 500 Company at December 31, 2021.

**FOR INSTRUCTOR USE ONLY**

**Solution 189**

GALAXIE 500 COMPANY  
Trial Balance  
December 31, 2021

|                            | <u>Debit</u>    | <u>Credit</u>   |
|----------------------------|-----------------|-----------------|
| Cash                       | \$5,200         |                 |
| Accounts Receivable        | 7,000           |                 |
| Accounts Payable           |                 | \$ 6,000        |
| Unearned Service Revenue   |                 | 2,000           |
| Common Stock               |                 | 11,000          |
| Dividends                  | 4,000           |                 |
| Service Revenue            |                 | 30,000          |
| Salaries and Wages Expense | 20,800          |                 |
| Utilities Expense          | 12,000          |                 |
|                            | <u>\$49,000</u> | <u>\$49,000</u> |

LO 4, SECTION 4 BT: AP Difficulty: Medium TOT: 8 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**Ex 190**

The bookkeeper for Antony Johnson Auto Repair made a number of errors in journalizing and posting, as described below.

1. A credit posting of \$500 to Accounts Receivable was omitted.
2. A debit posting of \$750 for Prepaid Insurance was debited to Insurance Expense.
3. A collection from a customer of \$100 in payment of its account owed was journalized and posted as a debit to Cash \$100 and a credit to Service Revenue \$100.
4. A credit posting of \$350 to Interest Payable was made twice.
5. A cash purchase of supplies for \$250 was journalized and posted as a debit to Supplies \$25 and a credit to Cash \$25.
6. A debit of \$685 to Advertising Expense was posted as \$658.

**Instructions**

For each error:

- (a) Indicate whether the trial balance will balance.
- (b) If the trial balance will not balance, indicate the amount of the difference.
- (c) Indicate the trial balance column that will have the larger total.

Consider each error separately. Use the following form, in which error (1) is given as an example.

| Error | (a)<br>In Balance | (b)<br>Difference | (c)<br>Larger Column |
|-------|-------------------|-------------------|----------------------|
| (1)   | No                | \$500             | debit                |

**FOR INSTRUCTOR USE ONLY**

**Solution 190**

| Error | (a)<br>In Balance | (b)<br>Difference | (c)<br>Larger Column |
|-------|-------------------|-------------------|----------------------|
| 1.    | No                | \$500             | Debit                |
| 2.    | Yes               | —                 | —                    |
| 3.    | Yes               | —                 | —                    |
| 4.    | No                | 350               | Credit               |
| 5.    | Yes               | —                 | —                    |
| 6.    | No                | 27                | Credit               |

LO 4, SECTION 4 BT: AN Difficulty: Hard TOT: 8 min. AACSB: Analytic AICPA BB: CT AICPA PC: PS

**FOR INSTRUCTOR USE ONLY**

## COMPLETION STATEMENTS

191. An \_\_\_\_\_ is a record of increases and decreases in specific assets, liabilities, and stockholders' items.
192. The process of entering an amount on the left side of an account is called \_\_\_\_\_ the account, and making an entry on the right side is called \_\_\_\_\_ the account.
193. \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ have debit normal account balances whereas \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ have credit normal account balances.
194. The four subdivisions of stockholders' equity are: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
195. The basic steps in the recording process are: \_\_\_\_\_ each transaction, enter the transaction in a \_\_\_\_\_, and transfer the \_\_\_\_\_ information to appropriate accounts in the \_\_\_\_\_.
196. A sales slip, a check, and a cash register tape are examples of \_\_\_\_\_ used as evidence that a transaction has taken place.
197. An accounting record where transactions are initially recorded in chronological order is called a \_\_\_\_\_.
198. When three or more accounts are required in one journal entry, the entry is referred to as a \_\_\_\_\_ entry.
199. The entire group of accounts and their balances maintained by a company is called the \_\_\_\_\_.
200. A two column list of all accounts and their balances at a given time is a \_\_\_\_\_.

### Answers to Completion Statements

- |                                                                                               |                         |
|-----------------------------------------------------------------------------------------------|-------------------------|
| 191. account                                                                                  | 196. business documents |
| 192. debiting, crediting                                                                      | 197. journal            |
| 193. Assets, expenses, dividends,<br>common stock/retained earnings, liabilities,<br>revenues | 198. compound           |
| 194. common stock, dividends, revenues, expenses                                              | 199. general ledger     |
| 195. analyze, journal, journal, ledger                                                        | 200. trial balance      |

LO 1-4, SECTIONS 1-4 BT: K Difficulty: Easy TOT: 8 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

### FOR INSTRUCTOR USE ONLY

**MATCHING**

201. Match the items below by entering the appropriate code letter in the space provided.

- |                           |                      |
|---------------------------|----------------------|
| A. Account                | F. Journal           |
| B. Normal account balance | G. Posting           |
| C. Debit                  | H. Chart of accounts |
| D. Revenue account        | I. Trial balance     |
| E. Compound entry         | J. Simple entry      |

- \_\_\_\_\_ 1. An entry that involves three or more accounts.
- \_\_\_\_\_ 2. Transferring journal entries to ledger accounts.
- \_\_\_\_\_ 3. The side which increases an account.
- \_\_\_\_\_ 4. A list of all the accounts used by a company.
- \_\_\_\_\_ 5. A record of increases and decreases in specific assets, liabilities, and stockholders' items.
- \_\_\_\_\_ 6. Left side of an account.
- \_\_\_\_\_ 7. An entry that involves only two accounts.
- \_\_\_\_\_ 8. A book of original entry.
- \_\_\_\_\_ 9. A list of accounts and their balances at a given time.
- \_\_\_\_\_ 10. Has a credit normal balance

**Answers to Matching**

- |      |       |
|------|-------|
| 1. E | 6. C  |
| 2. G | 7. J  |
| 3. B | 8. F  |
| 4. H | 9. I  |
| 5. A | 10. D |

LO 1-4, SECTIONS 1-4 BT: K Difficulty: Easy TOT: 3 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

**FOR INSTRUCTOR USE ONLY**

## SHORT-ANSWER ESSAY QUESTIONS

### S-A E 202

An account is an important accounting record where financial information is stored until needed. Briefly explain (1) the nature of an account, (2) the different types of accounts, and (3) the manner in which an account is increased and decreased and its normal balance.

### Solution 202

An account is an individual accounting record of increases and decreases in specific asset, liability, and stockholders' equity accounts. In its simplest form, an account consists of three parts: (1) the title of the account, (2) a left or debit side, and (3) a right or credit side (it resembles the letter T). Accounts are classified as asset, liability, stockholders' equity, revenue, and expense. Accounts with a normal debit balance, such as assets and expenses, are increased when debited and decreased when credited. Accounts with a normal credit balance, such as liabilities and revenues, are increased when credited and decreased when debited.

LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 5 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

### S-A E 203

Your roommate, a marketing major, thinks that debit means decrease and credit means increase. And, that every account can be debited and credited and as result, every account can have both a debit and a credit balance. Explain to your roommate (1) the meaning of debit and credit; (2) which accounts can only be debited, which can only be credited, and which can be both debited and credited; and (3) which accounts normally have debit balances and which credit balances.

### Solution 203

The terms debit and credit mean the left and right side, respectively, of every account. Some accounts such as Dividends and Expenses are only debited; other accounts such as Common Stock and Revenues are only credited; and finally, some accounts such as Cash, Accounts Receivable, and Accounts Payable can be debited and credited. Accounts with debit balances include Assets, Dividends, and Expenses. Accounts with credit balances include Liabilities, Common Stock, Retained Earnings, and Revenues.

LO 1, SECTION 1 BT: C Difficulty: Medium TOT: 5 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

### S-A E 204

A fellow classmate is confused about how debits and credits relate to the basic accounting equation. State the basic accounting equation, convert it into the expanded accounting equation, and then explain how it ties into the rules for debits and credits.

**FOR INSTRUCTOR USE ONLY**

**Solution 204**

The basic accounting equation is:

$$\text{Assets} = \text{Liabilities} + \text{Stockholders' Equity}$$

The expanded equation divides Stockholders' Equity into its various parts, reflecting the stockholders investment, dividends, revenues, and expenses:

$$\text{Assets} = \text{Liabilities} + \text{Common Stock} + \text{Retained Earnings} - \text{Dividends} + \text{Revenues} - \text{Expenses}$$

This expanded equation can then be re-arranged to explain why certain accounts have debit (left-hand) balances, while other accounts have credit (right-hand) balances, as follows:

$$\text{Assets} + \text{Dividends} + \text{Expenses} = \text{Liabilities} + \text{Common Stock} + \text{Retained Earnings} + \text{Revenues}$$

The accounts on the left-hand side of the equation have left-hand, or debit, balances, while the accounts on the right-hand side of the equation have right-hand, or credit, balances. Accounts with debit balances are increased with debits and decreased with credits, while accounts with credit balances are increased with credits and decreased with debits.

LO 1, SECTION 1 BT: S Difficulty: Hard TOT: 10 min. AACSB: RT AICPA BB: CT AICPA PC: Communication

**S-A E 205**

Describe the process of preparing a trial balance. What is the purpose of preparing a trial balance? If a trial balance does not balance, identify what might be the reasons why it does not balance. If the trial balance does balance, does that ensure that the ledger accounts are correct? Explain.

**Solution 205**

The process of preparing a trial balance consists of (1) listing the account titles and their debit or credit balances in the order in which they appear in the general ledger, (2) totaling the debit and credit columns, and (3) proving the equality of the total debits and total credits. The primary purpose of the trial balance is to prove the equality of the debits and credits after posting. A trial balance also uncovers errors in journalizing and posting because errors in journalizing and posting cause a trial balance not to balance. A trial balance does not prove that all transactions have been recorded or that the ledger is correct. The trial balance may balance even when (1) an entire transaction is not journalized, (2) a correct journal entry is not posted, (3) a journal entry is posted twice, (4) incorrect accounts are used in journalizing or posting, or (5) offsetting errors are made in recording the amount of a transaction or posting to the ledger.

LO 4, SECTION 4 BT: AN Difficulty: Medium TOT: 5 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**FOR INSTRUCTOR USE ONLY**

**S-A E 206**

A classmate who is a computer science major thinks that accountants are obsolete. She states that computers can do the entire process without any human assistance.

Discuss the steps in the recording process and indicate what role the computer plays in that process.

**Solution 206**

The initial step in the recording process is to analyze each transaction. This is done by analyzing the source documents to determine which accounts were affected. The computer is not able to perform this step. The second step is to enter the transaction in the journal using a journal entry. The computer is not able to perform this step and does not know if the correct accounts are being debited and credited, nor if the correct amounts were entered. It is only able to test the equality of the debits and credits comprising the entry. The final step is to transfer the journal entry to the specific accounts in the ledger (posting). The computer can perform this step efficiently and effectively.

LO 2, SECTION 2 BT: S Difficulty: Medium TOT: 7 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**S-A E 207**

Amy Pond, a fellow employee, wants to understand the basic steps in the recording process. Identify and briefly explain the steps in the order in which they occur.

**Solution 207**

The basic steps in the recording process are:

1. Analyze each transaction. In this step, business documents are examined to determine the effects of the transaction on the accounts.
2. Enter each transaction in a journal. This step is called journalizing and it results in making a chronological record of the transactions.
3. Transfer journal information to ledger accounts. This step is called posting. Posting makes it possible to accumulate the effects of journalized transactions on individual accounts.

LO 2, SECTION 2 BT: C Difficulty: Medium TOT: 5min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**S-A E 208**

All recordable transactions are initially recorded in the journal. Discuss the contributions that the journal makes to the recording process.

**Solution 208**

The journal makes several significant contributions to the recording process: (1) It discloses in one place the complete effects of a transaction; (2) It provides a chronological record of transactions; and, (3) It helps to prevent and locate errors because the debit and credit amounts for each entry can be readily compared.

LO 2, SECTION 2 BT: C Difficulty: Medium TOT: 5 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**S-A E 209**

A bookkeeping student has come to you for tutoring on the recording process. She is confused about the relationship between the chart of accounts and the ledger. Explain the purpose of the chart of accounts and the general ledger. In your explanation indicate the relationship between these two items as well.

**Solution 209**

The chart of accounts lists all of the accounts that a company uses and their account numbers that identify their location in the ledger. The numbering system used to identify the accounts usually starts with the balance sheet accounts followed by the income statement accounts.

The general ledger contains all of the accounts of a company and their respective balances at any point in time. The ledger is organized by account number with assets shown first, then liabilities, stockholders' equity, revenue, and expense accounts.

LO 3, SECTION 3 BT: C Difficulty: Easy TOT: 5 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**S-A E 210**

The process of transferring the information in the journal to the general ledger is called posting. Explain the posting process, including the importance of the journal page number and the account numbers.

**Solution 210**

The posting process begins with locating the account(s) being debited in the general ledger. Then entering the date of the entry, the journal page number where the entry originated and debit portion of the entry in the date, reference and debit columns, respectively. Once this done, the account number(s) of the account(s) being debited is (are) entered in the reference column in the journal. Next, the credit portion of the journal entry is posted to the appropriate accounts in the ledger following the same steps as noted for the debit portion.

**FOR INSTRUCTOR USE ONLY**

**Solution 210** (cont.)

The importance of the journal page number, in the reference column of each account in the general ledger accounts, is to indicate where to find the original entry. And, the general ledger account numbers, in the reference column of the journal, indicate that the entry has been posted.

LO 3, SECTION 3 BT: S Difficulty: Medium TOT: 5 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**S-A E 211**

During a study session, a classmate states that it is not necessary to make journal entries and then post them to the ledger. She states that it is sufficient to analyze the transaction and simply record the information in T-accounts.

What is your response to this statement? Be brief, yet concise.

**Solution 211**

You have a very good point regarding the steps of the accounting cycle. If a company only has a few transactions, it might be possible to simply analyze them and then record each in T-accounts. However, nearly all businesses have many transactions each day. There must be a systematic way to process these transactions. The steps of the accounting cycle represent this process. After analyzing each transaction, a journal entry needs to be prepared. The journal represents a chronological listing of every transaction for a business. This allows users to review past transactions. Your approach does not leave a trail that can be reviewed at a later date. Once the journal entries are made, posting allows each line of the journal to be transferred into the ledger. This process increases and decreases individual accounts in the ledger. At the end of the accounting period, the balance of each account is determined and the trial balance is prepared.

Based on your approach, if someone saw a credit to cash for \$10,000 and wondered what the debit was, that person would have to go through every ledger account to locate the corresponding debit. By having a general journal, the person can view the entire transaction, thus easily seeing the account that was debited.

Your approach may work for a very simple business, but it would result in problems for the majority of businesses and accountants.

LO 2, 3, SECTION 2 and 3 BT: S Difficulty: Medium TOT: 7 min. AACSB: Comm. AICPA BB: CT AICPA PC: Communication

**S-A E 212** (Ethics)

Jim Coleman, Jr. was appointed the manager of Maris Properties, a recently formed company that manages residential rental properties. Linda Grider is the accountant. She prepared a chart of accounts based on an analysis of the expenditures of the company. Two of the largest expense categories are Travel and Entertainment. Mr. Coleman believes that it is important to maintain a presence in the social life of the city. In this, he sharply differs from his father, Jim Coleman, Sr. The elder Mr. Coleman has set up Maris Properties in order to test his son's management skills before allowing him to manage the more lucrative commercial property business. Mr. Coleman, Sr. provided the capital for Maris, and maintains close contact with the company. He allowed his son, however, to hire his own employees.

**S-A E 212** (cont.)

Mr. Coleman has asked Ms. Grider to change the names of the Travel and Entertainment Expense accounts to Property Development. He hopes to deflect his father's attention away from the amount he has spent on travel and entertainment until he has proven that his methods work. When Ms. Grider resisted, he reminded her that he, not his father, hired her. He also reminded her that she had been enthusiastic about his business plans when she was hired.

**Required:**

1. Who are the stakeholders in this situation?
2. Should Ms. Grider agree to the change in the Travel Expense and Entertainment Expense accounts to Property Development? Explain.

**Solution 212**

1. The stakeholders in this situation include  
Mr. Coleman, Jr.  
Linda Grider  
Mr. Coleman, Sr.  
Bankers and others who might rely on the financial statements
2. Ms. Grider definitely should not agree to the name change. The intention of the person making the change is to deceive someone who has a right to know the affairs of the business, fully and completely. Though Ms. Grider was hired by Mr. Coleman, Jr., and though she may agree with his business methods, she cannot be a party to such deceit.

LO 1, SECTION 1 BT: E Difficulty: Medium TOT: 7 min. AACSB: Ethics AICPA BB: CT AICPA PC: Professional Demeanor

**S-A E 213** (Communication)

A classmate is considering dropping his accounting class because he cannot understand the rules of debits and credits.

- a. Can the student be successful in the course without an understanding of the rules of debits and credits?
- b. Explain the rules of debits and credits in a way that will help him understand them.

**Solution 213**

- a. Accounting is based on the double-entry system. This system records the dual effect of each transaction in the appropriate accounts, thus keeping the accounting equation in balance. Each transaction is analyzed and recorded using this dual effect system. If you do not have this basic understanding, the remaining chapters will become increasingly more difficult. You will not have the ability to make journal entries for the many new topics in these upcoming chapters.

**Solution 213** (cont.)

- b. You may be trying to memorize the rules of debits and credits, only to discover that this does not work. Here are some other ways to master this very important topic:
- Make sure that you understand the accounting equation. Assets equal the total of liabilities and stockholders' equity. Stockholders' equity is not an account but rather a group of accounts that includes stockholders' investment, revenues, expenses, and dividends. Common stock, retained earnings and revenues cause stockholders' equity to increase while expenses and dividends cause stockholders' equity to decrease.
  - Next, make sure that you understand the accounting meaning of the terms debit and credit. In accounting, debit means left and credit means right. Don't try to add any more to these definitions.
  - Then, work with the rules for debits and credits. These rules determine whether a debit or credit increases or decreases an account. Start with assets. Assets are increased with a debit and thus decreased with a credit. Think about the cash account—when cash is received, the account is increased with a debit. When cash is paid, the account is decreased with a credit. The remaining accounts are on the right side of the equal sign in the accounting equation. All of the other rules for debits and credits keep the equation in balance. Liabilities, Common Stock, Retained Earnings and Revenues are all increased with credits. Expenses and Dividends are the two accounts that cause stockholders' equity to decrease, thus they must be increased with a debit.

LO 1, SECTION 1 BT: S Difficulty: Hard TOT: 10 min. AACSB: RT AICPA BB: CT AICPA PC: Communication

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## CHALLENGE EXERCISES

### CE 1

Presented below is information related to Pickett Real Estate Agency.

- Oct. 1 Jeff Pickett begins business as a real estate agent with a cash investment of \$30,000 in exchange for common stock.
- 2 Hires an administrative assistant.
- 3 Purchases office equipment for \$3,500, by paying \$500 cash with the balance on account.
- 6 Sells a house and lot for N. Foster, earning a fee of \$6,900 with \$900 collected in cash and the balance billed to N. Foster.
- 27 Pays \$1,000 on the balance related to the transaction of October 3.
- 30 Pays the administrative assistant \$2,300 in salary for October.
- 31 Collects \$1,500 of the balance owed by N. Foster.

### Instructions

1. Journalize the transactions. (You may omit explanations.)
2. What balance would Pickett Real Estate Agency report for Accounts Payable in its October 31 financial statements? In which category of which financial statements would it be found?
3. What balance would Pickett Real Estate Agency report for Accounts Receivable in its October 31 financial statements? In which category of which financial statements would it be found?

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**Solution CE 1**

| Date   | Account Titles and Explanation                                 | Debit        | Credit       |
|--------|----------------------------------------------------------------|--------------|--------------|
| Oct. 1 | Cash.....<br>Common Stock.....                                 | 30,000       | 30,000       |
| 2      | No entry                                                       |              |              |
| 3      | Equipment.....<br>Cash.....<br>Accounts Payable.....           | 3,500        | 500<br>3,000 |
| 6      | Cash.....<br>Accounts Receivable.....<br>Service Revenue ..... | 900<br>6,000 | 6,900        |
| 27     | Accounts Payable.....<br>Cash.....                             | 1,000        | 1,000        |
| 30     | Salaries and Wages Expense .....<br>Cash.....                  | 2,300        | 2,300        |
| 31     | Cash .....<br>Accounts Receivable .....                        | 1,500        | 1,500        |

2. The October 31 balance of Accounts Payable is \$2,000 (\$3,000 - \$1,000), and would be reported in the liabilities section of the balance sheet.

3. The October 31 balance of Accounts Receivable is \$4,500 (\$6,000 - \$1,500), and would be reported in the assets section of the balance sheet.

LO 2, SECTION 2 BT: AP Difficulty: Hard TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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**CE 2**

Selected transactions for Garver Company during its first month in business are presented below.

Sept. 1 Invested \$25,000 cash in the business in exchange for common stock.

5 Purchased equipment for \$27,000 paying \$6,000 in cash and the balance on account.

11 Performed \$3,900 of services for clients, collecting \$1,000 cash and billing them for the remainder.

25 Paid \$7,000 cash on balance owed for equipment.

30 Declared and paid a \$600 cash dividend.

30 Collected \$1,200 from the clients from the September 11 transactions.

The Chart of accounts shows: No. 101 Cash, No. 112 Accounts Receivable, No. 157 Equipment, No. 201 Accounts Payable, No. 311 Common Stock, No. 332 Dividends, and No. 400 Service Revenue.

**Instructions**

- (a) Journalize the transactions on page 1 of the journal (Omit explanations).
- (b) Post the transactions using the standard account form.
- (c) Based only on these transactions, what amount would Garver Company report as total assets in the October 31 balance sheet?
- (d) Based only on these transactions, what amount would Garver Company report as total liabilities in the October 31 balance sheet.

**Solution CE 2****(a)**

| <u>General Journal</u> |                                |      |        | J1     |
|------------------------|--------------------------------|------|--------|--------|
| Date                   | Account Titles and Explanation | Ref. | Debit  | Credit |
| Sept. 1                | Cash .....                     | 101  | 25,000 |        |
|                        | Common Stock .....             | 311  |        | 25,000 |
| 5                      | Equipment .....                | 157  | 27,000 |        |
|                        | Cash .....                     | 101  |        | 6,000  |
|                        | Accounts Payable .....         | 201  |        | 21,000 |
| 11                     | Cash .....                     | 101  | 1,000  |        |
|                        | Accounts Receivable .....      | 112  | 2,900  |        |
|                        | Service Revenue .....          | 400  |        | 3,900  |
| 25                     | Accounts Payable .....         | 201  | 7,000  |        |
|                        | Cash .....                     | 101  |        | 7,000  |
| 30                     | Dividends .....                | 332  | 600    |        |
|                        | Cash .....                     | 101  |        | 600    |
| 30                     | Cash .....                     | 101  | 1,200  |        |
|                        | Accounts Receivable .....      | 112  |        | 1,200  |

**(b)**

| Cash    |             |      |        |        | No. 101 |
|---------|-------------|------|--------|--------|---------|
| Date    | Explanation | Ref. | Debit  | Credit | Balance |
| Sept. 1 |             | J1   | 25,000 |        | 25,000  |
| 5       |             | J1   |        | 6,000  | 19,000  |
| 11      |             | J1   | 1,000  |        | 20,000  |
| 25      |             | J1   |        | 7,000  | 13,000  |
| 30      |             | J1   |        | 600    | 12,400  |
| 30      |             | J1   | 1,200  |        | 13,600  |

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**Solution CE 2** (cont.)

## Accounts Receivable

Account No. 112

| Date     | Explanation | Ref. | Debit | Credit | Balance |
|----------|-------------|------|-------|--------|---------|
| Sept. 11 |             | J1   | 2,900 |        | 2,900   |
| 30       |             | J1   |       | 1,200  | 1,700   |

## Equipment

Account No. 157

| Date    | Explanation | Ref. | Debit  | Credit | Balance |
|---------|-------------|------|--------|--------|---------|
| Sept. 5 |             | J1   | 27,000 |        | 27,000  |

## Accounts Payable

Account No. 201

| Date     | Explanation | Ref. | Debit | Credit | Balance |
|----------|-------------|------|-------|--------|---------|
| Sept. 5  |             | J1   |       | 21,000 | 21,000  |
| Sept. 25 |             | J1   | 7,000 |        | 14,000  |

## Common Stock

Account No. 311

| Date    | Explanation | Ref. | Debit | Credit | Balance |
|---------|-------------|------|-------|--------|---------|
| Sept. 1 |             | J1   |       | 25,000 | 25,000  |

## Dividends

Account No. 332

| Date     | Explanation | Ref. | Debit | Credit | Balance |
|----------|-------------|------|-------|--------|---------|
| Sept. 30 |             | J1   | 600   |        | 600     |

## Service Revenue

Account No. 400

| Date     | Explanation | Ref. | Debit | Credit | Balance |
|----------|-------------|------|-------|--------|---------|
| Sept. 11 |             | J1   |       | 3,900  | 3,900   |

**(c)** Total assets would be \$42,300 (\$13,600 + \$1,700 + \$27,000)**(d)** Total liabilities would be \$14,000 (just accounts payable).

**CE 3**

The accounts in the ledger of Ace Delivery Service contain the following balances on July 31, 2021.

|                                |          |
|--------------------------------|----------|
| Accounts Receivable            | \$10,000 |
| Accounts Payable               | 7,900    |
| Cash                           | ?        |
| Common Stock                   | 35,000   |
| Equipment                      | 45,000   |
| Dividends                      | 900      |
| Gasoline Expense               | 800      |
| Utilities Expense              | 600      |
| Maintenance and Repair Expense | 1,100    |
| Retained Earnings              | 5,000    |
| Service Revenue                | 13,000   |
| Salaries and Wages Expense     | ?        |
| Salaries and Wages Payable     | 1,000    |
| Supplies                       | 3,000    |
| Unearned Service Revenue       | 2,500    |
| Notes Payable                  | 22,000   |
| Prepaid Insurance              | 2,000    |

**Instructions**

Prepare a trial balance with the accounts arranged as illustrated in the chapter and fill in the missing amounts for Cash and Salaries and Wages Expense. Assume net income for the period is \$3,500.

**Solution CE 3****ACE DELIVERY SERVICE, INC.**

Trial Balance

July 31, 2021

|                                       | <u>Debit</u>    | <u>Credit</u>   |
|---------------------------------------|-----------------|-----------------|
| Cash** .....                          | \$16,000        |                 |
| Accounts Receivable .....             | 10,000          |                 |
| Supplies .....                        | 3,000           |                 |
| Prepaid Insurance .....               | 2,000           |                 |
| Equipment .....                       | 45,000          |                 |
| Notes Payable .....                   |                 | \$22,000        |
| Accounts Payable .....                |                 | 7,900           |
| Salaries and Wages Payable .....      |                 | 1,000           |
| Unearned Service Revenue .....        |                 | 2,500           |
| Common Stock .....                    |                 | 35,000          |
| Retained Earnings .....               |                 | 5,000           |
| Dividends .....                       | 900             |                 |
| Service Revenue .....                 |                 | 13,000          |
| Salaries and Wages Expense* .....     | 7,000           |                 |
| Maintenance and Repairs Expense ..... | 1,100           |                 |
| Gasoline Expense .....                | 800             |                 |
| Utilities Expense .....               | 600             |                 |
|                                       | <u>\$86,400</u> | <u>\$86,400</u> |

\*\$13,000 - \$1,100 - \$800 - \$600 - Salaries and Wages Expense = \$3,500; Salaries and Wages Expense = \$7,000

\*\*\$86,400 (total credits) - \$70,400 (total debits without cash).

LO 4, SECTION 4 BT: AP Difficulty: Hard TOT: 15 min. AACSB: RT AICPA BB: CT AICPA FN: Reporting

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