

- (3) Used supplies on hand to produce revenue.
- (4) Paid cash in advance for insurance.
- (5) Recognized accrued salaries.

LO 2-6**Exercise 2-15A** *Prepaid items on financial statements*

Life, Inc., experienced the following events in 2016, its first year of operation:

1. Performed counseling services for \$36,000 cash.
2. On February 1, 2016, paid \$18,000 cash to rent office space for the coming year.
3. Adjusted the accounts to reflect the amount of rent used during the year.

Required

Based on this information alone:

- a. Record the events under an accounting equation.
- b. Prepare an income statement, balance sheet, and statement of cash flows for the 2016 accounting period.
- c. Ignoring all other future events, what is the amount of rent expense that would be recognized in 2017?

LO 2-6, 2-8**Exercise 2-16A** *Effect of an error on financial statements*

On April 1, 2016, Maine Corporation paid \$18,000 cash in advance for a one-year lease on an office building. Assume that Maine records the prepaid rent as an asset and that the books are closed on December 31.

Required

- a. Show the payment for the one-year lease and the related adjusting entry to recognize rent expense in the accounting equation.
- b. Assume that Maine Corporation failed to record the adjusting entry to reflect using the office building. How would the error affect the company's 2016 income statement and balance sheet?

LO 2-7**Exercise 2-17A** *Unearned items on financial statements*

Yard Designs (YD) experienced the following events in 2016, its first year of operation:

1. On October 1, 2016, YD collected \$54,000 for consulting services it agreed to provide during the coming year.
2. Adjusted the accounts to reflect the amount of consulting service revenue recognized in 2016.

Required

Based on this information alone:

- a. Record the events under an accounting equation.
- b. Prepare an income statement, balance sheet, and statement of cash flows for the 2016 accounting period.
- c. Ignoring all other future events, what is the amount of service revenue that would be recognized in 2017?

LO 2-7**Exercise 2-18A** *Unearned revenue defined as a liability*

Lan, an accounting major, and Pat, a marketing major, are watching a *Matlock* rerun on late-night TV. Of course, there is a murder and the suspect wants to hire Matlock as the defense attorney. Matlock will take the case but requires an advance payment of \$150,000. Pat remarks that Matlock has earned a cool \$150,000 without lifting a finger. Lan tells Pat that Matlock has not earned anything but has a \$150,000 liability. Pat asks, "How can that be?"

Required

Assume you are Lan. Explain to Pat why Matlock has a liability and when Matlock would actually earn the \$150,000.

Exercise 2-19A *Supplies, unearned revenue, and the financial statements model*

LO 2-5, 2-7

Hart, Attorney at Law, experienced the following transactions in 2016, the first year of operations:

1. Accepted \$36,000 on April 1, 2016, as a retainer for services to be performed evenly over the next 12 months.
2. Performed legal services for cash of \$54,000.
3. Purchased \$2,800 of office supplies on account.
4. Paid \$2,400 of the amount due on accounts payable.
5. Paid a cash dividend to the stockholders of \$5,000.
6. Paid cash for operating expenses of \$31,000.
7. Determined that at the end of the accounting period \$200 of office supplies remained on hand.
8. On December 31, 2016, recognized the revenue that had been earned for services performed in accordance with Transaction 1.

Required

Show the effects of the events on the financial statements using a horizontal statements model like the following one. In the Cash Flows column, use the initials OA to designate operating activity, IA for investing activity, FA for financing activity, and NC for net change in cash. Use NA to indicate accounts not affected by the event. The first event has been recorded as an example.

Event No.	Assets			=	Liabilities			+	Stk. Equity	Rev.	-	Exp.	=	Net Inc.	Cash Flow
	Cash	+	Supplies	=	Accts. Pay.	+	Unearn. Rev.	+	Ret. Earn.						
1.	36,000	+	NA	=	NA	+	36,000	+	NA	NA	-	NA	=	NA	36,000 OA

Exercise 2-20A *Unearned revenue and the financial statements model*

LO 2-7

Clark Bell started a personal financial planning business when he accepted \$36,000 cash as advance payment for managing the financial assets of a large estate. Bell agreed to manage the estate for a one-year period beginning June 1, 2016.

Required

- Show the effects of the advance payment and revenue recognition on the 2016 financial statements using a horizontal statements model like the following one. In the Cash Flows column, use OA to designate operating activity, IA for investing activity, FA for financing activity, and NC for net change in cash. Use NA if the account is not affected.

Event	Assets	=	Liab.	+	Stockholders' Equity	Rev.	-	Exp.	=	Net Inc.	Cash Flows
	Cash	=	Unearn. Rev.	+	Ret. Earn.						

- How much revenue would Bell recognize on the 2017 income statement?
- What is the amount of cash flow from operating activities in 2017?

Required

Identify whether each of the following items would appear on the income statement (IS), statement of changes in stockholders' equity (SE), balance sheet (BS), or statement of cash flows (CF). Some items may appear on more than one statement; if so, identify all applicable statements. If an item would not appear on any financial statement, label it NA.

- | | |
|--|---|
| a. Supplies | u. Rent Expense |
| b. Cash Flow from Financing Activities | v. Price/Earnings Ratio |
| c. "As of" Date Notation | w. Taxes Payable |
| d. Ending Retained Earnings | x. Unearned Revenue |
| e. Net Income | y. Service Revenue |
| f. Dividends | z. Cash Flow from Investing Activities |
| g. Net Change in Cash | aa. Consulting Revenue |
| h. "For the Period Ended" | bb. Utilities Expense |
| i. Land | cc. Ending Common Stock |
| j. Ending Common Stock | dd. Total Liabilities |
| k. Salaries Expense | ee. Operating Cycle |
| l. Prepaid Rent | ff. Cash Flow from Operating Activities |
| m. Accounts Payable | gg. Operating Expenses |
| n. Total Assets | hh. Supplies Expense |
| o. Salaries Payable | ii. Beginning Retained Earnings |
| p. Insurance Expense | jj. Beginning Common Stock |
| q. Notes Payable | kk. Prepaid Insurance |
| r. Accounts Receivable | ll. Salary Expense |
| s. Interest Receivable | mm. Beginning Cash Balance |
| t. Interest Revenue | nn. Ending Cash Balance |

CHECK FIGURES

a. BS

z. CF

Exercise 2-27A *Effect of accounting events on the income statement and statement of cash flows*

LO 2-8

Required

Explain how each of the following events or series of events and the related adjusting entry will affect the amount of *net income* and the amount of *cash flow from operating activities* reported on the year-end financial statements. Identify the direction of change (increase, decrease, or NA) and the amount of the change. Organize your answers according to the following table. The first event is recorded as an example. If an event does not have a related adjusting entry, record only the effects of the event.

Event/ Adjustment	Net Income		Cash Flows from Operating Activities	
	Direction of Change	Amount of Change	Direction of Change	Amount of Change
a	NA	NA	Decrease	\$9,000
Adj	Decrease	\$2,250	NA	NA

LO 2-8, 2-9

Exercise 2-28A *Transactions that affect the elements of financial statements***Required**

Give an example of a transaction that will do the following:

- Increase an asset and increase equity (asset source event).
- Decrease an asset and decrease equity (asset use event).
- Increase an asset and decrease another asset (asset exchange event).
- Decrease a liability and increase equity (claims exchange event).
- Increase a liability and decrease equity (claims exchange event).
- Increase an asset and increase a liability (asset source event).
- Decrease an asset and decrease a liability (asset use event).

LO 2-9

Exercise 2-29A *Identifying source, use, and exchange transactions***Required**

Indicate whether each of the following transactions is an asset source (AS), asset use (AU), asset exchange (AE), or claims exchange (CE) transaction.

- Acquired cash from the issue of stock.
- Paid a cash dividend to the stockholders.
- Paid cash on accounts payable.
- Incurred other operating expenses on account.
- Paid cash for rent expense.
- Performed services for cash.
- Performed services for clients on account.
- Collected cash from accounts receivable.
- Received cash for services to be performed in the future.
- Purchased land with cash.

LO 2-9

Exercise 2-30A *Identifying asset source, use, and exchange transactions***Required**

- Name an asset use transaction that will *not* affect the income statement.
- Name an asset exchange transaction that will affect the statement of cash flows.
- Name an asset source transaction that will *not* affect the income statement.
- Name an asset source transaction that will *not* affect the statement of cash flows.
- Name an asset source transaction that will affect the income statement.

LO 2-8, 2-9

Exercise 2-31A *Identifying transaction type and effect on the financial statements***Required**

Identify whether each of the following transactions is an asset source (AS), asset use (AU), asset exchange (AE), or claims exchange (CE). Also show the effects of the events on the financial statements using the horizontal statements model. Indicate whether the event increases (I),

- Provided services and collected cash.
- Purchased supplies on account to be used in the future.
- Paid cash in advance for one year's rent.
- Paid cash to purchase land.
- Paid a cash dividend to the stockholders.
- Received cash from the issue of common stock.
- Paid cash on accounts payable.
- Collected cash from accounts receivable.
- Received cash advance for services to be provided in the future.
- Incurred other operating expenses on account.
- Performed services on account.
- Adjusted books to reflect the amount of prepaid expenses.
- Paid cash for operating expenses.
- Adjusted the books to record the supplies used.
- Recorded accrued salaries.
- Paid cash for salaries accrued at the end of a period.
- Recorded accrued interest revenue earned at the end of a period.

Exercise 2-32A *Ethical conduct***Required**

Name and provide a brief explanation of the six principles of the AICPA Code of Professional Conduct.

Exercise 2-33A *Effect of depreciation on the financial statements (Appendix)*

The following events apply to Tracey's Restaurant.

- Started the company when it acquired \$21,000 cash.
- Purchased a new cooktop that cost \$22,000 cash.
- Earned \$32,000 in cash revenue.
- Paid \$16,000 cash for salaries expense.
- Paid \$7,000 cash for operating expenses.
- Adjusted the records to reflect the use of the cooktop. The cooktop, purchased in 2016, has an expected useful life of five years and is depreciated using straight-line depreciation. The adjusting entry is recorded.

Required

- Write an accounting equation and record the events in the appropriate general ledger account headings.
- What amount of depreciation expense would be recorded for the year ended December 31, 2016?
- What amount of accumulated depreciation would be recorded at the end of 2016?
- Would the cash flow from operating activities be affected by the depreciation expense?