

common financial accounting journal entries

Understanding Common Financial Accounting Journal Entries: A Comprehensive Guide

Navigating the world of finance can seem daunting, but at its core, it's built upon a system of recording transactions accurately. At the heart of this system lie common financial accounting journal entries, the fundamental building blocks of double-entry bookkeeping. These entries meticulously track every financial event within a business, ensuring that the accounting equation ($\text{Assets} = \text{Liabilities} + \text{Equity}$) remains in balance. From the everyday purchase of supplies to complex revenue recognition, understanding how to correctly document these transactions is paramount for any business owner, aspiring accountant, or financial professional. This guide will delve deep into the most prevalent journal entries, breaking down their purpose, structure, and the impact they have on a company's financial statements. You'll discover how to record sales, manage expenses, account for inventory, and much more, gaining a solid grasp of the language of business finance.

- Introduction to Financial Accounting Journal Entries
- The Foundation of Double-Entry Bookkeeping
- Key Components of a Journal Entry
- Common Journal Entries for Revenue
- Common Journal Entries for Expenses
- Common Journal Entries for Assets
- Common Journal Entries for Liabilities
- Common Journal Entries for Equity
- Inventory Management Journal Entries
- Payroll and Employee Costs Journal Entries
- Depreciation and Amortization Journal Entries
- Adjusting Entries: The Importance of Accuracy
- Closing Entries: Preparing for the Next Period
- Conclusion: Mastering Financial Accounting Journal Entries

The Foundation of Double-Entry Bookkeeping

The entire edifice of modern financial accounting rests upon the principle of double-entry bookkeeping. This robust system dictates that for every financial transaction, there must be at least two accounts affected, with equal and opposite entries. This ensures that the fundamental accounting equation - $\text{Assets} = \text{Liabilities} + \text{Equity}$ - always holds true. When a business engages in a transaction, it doesn't just gain something; it also gives something up. For example, when a company purchases supplies with cash, its asset account for supplies increases, but its asset account for cash decreases by the same amount. This inherent balance is what makes financial statements reliable and auditable. Understanding this foundational concept is the first crucial step to grasping the utility and necessity of common financial accounting journal entries.

Debits and Credits: The Language of Transactions

Within the framework of double-entry bookkeeping, debits and credits are the essential tools for recording transactions. It's a common misconception that debits always represent increases and credits always represent decreases. This is not universally true. Instead, the effect of a debit or credit depends on the type of account it is applied to. For assets and expenses, a debit increases the account balance, while a credit decreases it. Conversely, for liabilities, equity, and revenue accounts, a credit increases the balance, and a debit decreases it. Mastering the rules of debits and credits is critical for constructing accurate journal entries and, consequently, error-free financial statements. Think of them as the plus and minus signs in the accounting world, always working in tandem to maintain equilibrium.

Key Components of a Journal Entry

Every well-formed financial accounting journal entry is a structured record that contains several vital pieces of information. These components ensure clarity, traceability, and compliance with accounting standards. Without these elements, a journal entry would be incomplete and lack the necessary context for analysis or audit. Professionals rely on this standardized format to interpret financial data efficiently and accurately across different departments and over time.

Date

The date is arguably the most critical component of any journal entry. It signifies precisely when the transaction occurred. This chronological record is fundamental for preparing financial statements for specific periods, analyzing trends, and performing audits. Without an accurate date, it becomes impossible to determine the financial position of the business at any given point in time or to link transactions to the correct accounting periods.

Account Titles and Descriptions

This section clearly identifies the specific accounts that are being debited and credited. A general ledger is essentially a collection of all these individual accounts. For each transaction, the entry must specify which accounts are affected. This includes the full account name, such as "Cash," "Accounts Receivable," "Sales Revenue," or "Rent Expense." A brief, descriptive explanation of the transaction also accompanies the account titles, providing context for why the entry was made.

Debit and Credit Columns

As discussed, every journal entry will have at least one debit and at least one credit. These are recorded in separate columns. The debit amount is listed in the debit column, and the corresponding credit amount is listed in the credit column. The fundamental rule of double-entry bookkeeping dictates that the total dollar amount of all debits must always equal the total dollar amount of all credits for each entry. This ensures the accounting equation remains balanced.

Reference Number (Optional but Recommended)

While not always mandatory, a reference number or document number is highly beneficial. This could be an invoice number, check number, or a unique internal identifier. This reference links the journal entry back to its original source documentation, facilitating easy retrieval and verification during audits or when investigating specific transactions. It adds another layer of accountability and audit trail integrity.

Common Journal Entries for Revenue

Recognizing and recording revenue is a cornerstone of financial accounting. It reflects the income a business generates from its primary operations. The timing and accuracy of revenue recognition are crucial, as they directly impact profitability and investor confidence. Understanding how to properly record revenue across different scenarios is essential for any business.

Recording Sales on Credit

When a business sells goods or services to a customer on credit, it means the customer will pay at a later date. This transaction increases the company's Accounts Receivable (an asset) and its Sales Revenue (equity). The journal entry would debit Accounts Receivable for the amount owed and credit Sales Revenue for the same amount. For example, if a company sells \$1,000 worth of goods on credit, the entry would be: Debit Accounts Receivable \$1,000, Credit Sales Revenue \$1,000.

Recording Cash Sales

When a sale is made for cash immediately, the transaction involves an increase in the Cash asset account and a corresponding increase in Sales Revenue. The journal entry would debit Cash for the amount received and credit Sales Revenue for the same amount. If a business makes a \$500 cash sale, the entry would be: Debit Cash \$500, Credit Sales Revenue \$500. This is a straightforward transaction that directly impacts the company's liquidity.

Recording Sales Returns and Allowances

Sometimes customers return goods or are given allowances for defective products. These situations reduce the original revenue recognized. A Sales Return or Sales Allowance account (a contra-revenue account, which reduces revenue) is debited, and either Cash (if a refund is issued) or Accounts Receivable (if the customer still owes money) is credited. If a customer returns \$100 worth of goods purchased on credit, the entry would be: Debit Sales Returns and Allowances \$100, Credit Accounts Receivable \$100.

Recording Unearned Revenue

Unearned revenue, also known as deferred revenue, occurs when a company receives cash for goods or services to be provided in the future. Initially, this is a liability because the company owes the customer the service or product. The journal entry debits Cash and credits Unearned Revenue (a liability account). As the service is provided or goods are delivered, a portion of the unearned revenue is recognized as earned revenue. For example, receiving \$1,200 for a year-long subscription service would be recorded as: Debit Cash \$1,200, Credit Unearned Revenue \$1,200. When one month of service is rendered, \$100 would be transferred from Unearned Revenue to Service Revenue.

Common Journal Entries for Expenses

Expenses are the costs incurred by a business in the process of generating revenue. They represent the outflow of economic benefits. Proper recording of expenses is crucial for determining a company's profitability and for making informed management decisions. Understanding the various types of expenses and how they are recorded is a fundamental accounting skill.

Recording Rent Expense

When a business pays for rent, it increases its Rent Expense (an expense account) and decreases its Cash or Accounts Payable. If rent of \$2,000 is paid in cash for the current month, the journal entry would be: Debit Rent Expense \$2,000, Credit Cash \$2,000. If the rent is for a future period, it might be recorded as Prepaid Rent (an asset).

Recording Salary Expense

Companies incur salary expenses for their employees. When salaries are paid, Salary Expense (an expense account) is debited, and Cash or Salaries Payable (a liability account, if salaries are accrued but not yet paid) is credited. If \$10,000 in salaries is paid to employees, the entry is: Debit Salary Expense \$10,000, Credit Cash \$10,000.

Recording Utilities Expense

Utilities such as electricity, water, and internet are essential operating costs. When utility bills are received and paid, the Utilities Expense account is debited, and Cash or Utilities Payable is credited. For a \$500 utility bill paid in cash, the entry is: Debit Utilities Expense \$500, Credit Cash \$500.

Recording Interest Expense

Interest expense is incurred on borrowed funds, such as loans or lines of credit. When interest is paid or accrued, Interest Expense is debited, and Cash or Interest Payable is credited. If a company pays \$300 in interest on a loan, the entry is: Debit Interest Expense \$300, Credit Cash \$300.

Recording Advertising Expense

Costs incurred for advertising campaigns are recorded as Advertising Expense. If a company pays \$1,500 for an online advertising campaign, the journal entry would be: Debit Advertising Expense \$1,500, Credit Cash \$1,500.

Common Journal Entries for Assets

Assets are the economic resources owned by a business that are expected to provide future benefits. The acquisition, use, and disposal of assets are all documented through specific journal entries. Understanding these entries is key to tracking a company's physical and intangible resources.

Purchasing Equipment with Cash

When a business buys equipment (an asset) with cash, the Equipment account (an asset) increases, and the Cash account (another asset) decreases. The journal entry debits Equipment for the cost of the equipment and credits Cash for the amount paid. For example, buying a \$5,000 piece of machinery: Debit Equipment \$5,000, Credit Cash \$5,000.

Purchasing Equipment on Credit

If equipment is purchased on credit, the Equipment account increases, and the Accounts Payable account (a liability) increases. The entry debits Equipment and credits Accounts Payable. If a \$7,000 machine is bought on credit: Debit Equipment \$7,000, Credit Accounts Payable \$7,000.

Acquiring Inventory on Credit

Inventory is a crucial asset for businesses that sell goods. When inventory is purchased on credit, the Inventory account (an asset) increases, and Accounts Payable (a liability) increases. The journal entry debits Inventory and credits Accounts Payable. For a \$2,000 inventory purchase on credit: Debit Inventory \$2,000, Credit Accounts Payable \$2,000.

Receiving Payment from Customers (Accounts Receivable)

When a customer pays an outstanding invoice (related to a previous credit sale), the company's Cash account increases, and its Accounts Receivable account decreases. The journal entry debits Cash for the amount received and credits Accounts Receivable for the same amount. If a customer pays \$800 on their account: Debit Cash \$800, Credit Accounts Receivable \$800.

Common Journal Entries for Liabilities

Liabilities represent the obligations of a business to external parties. These are amounts owed to creditors, suppliers, or employees. Recording liabilities accurately is essential for understanding a company's financial obligations and its solvency.

Incurring a Loan

When a business takes out a loan, its Cash asset increases, and its Notes Payable (a liability) or Loan Payable increases. The journal entry debits Cash for the amount received and credits Notes Payable for the same amount. If a company receives a \$10,000 loan: Debit Cash \$10,000, Credit Notes Payable \$10,000.

Accruing Interest Payable

At the end of an accounting period, interest on loans that has been incurred but not yet paid needs to be recorded. This creates an Interest Payable liability. The journal entry debits Interest Expense and credits Interest Payable. If \$200 in interest has accrued on a loan: Debit Interest Expense \$200, Credit

Interest Payable \$200.

Receiving Payment for Unearned Revenue

As mentioned earlier in the revenue section, when a business receives payment for services or goods to be delivered in the future, it records Unearned Revenue. This is a liability. For example, receiving \$3,000 for a six-month service contract: Debit Cash \$3,000, Credit Unearned Revenue \$3,000.

Paying Off Accounts Payable

When a business pays its suppliers for goods or services previously purchased on credit, its Accounts Payable liability decreases, and its Cash asset decreases. The journal entry debits Accounts Payable for the amount paid and credits Cash for the same amount. If a company pays \$1,500 to a supplier: Debit Accounts Payable \$1,500, Credit Cash \$1,500.

Common Journal Entries for Equity

Equity represents the owners' stake in the business. It is affected by owner investments, withdrawals, and the net income or loss of the business. Journal entries related to equity reflect these changes.

Owner's Investment in the Business

When an owner invests personal assets into the business, the Cash or other asset accounts increase, and the Owner's Capital or Common Stock account (equity) increases. The journal entry debits the asset account and credits the equity account. If an owner invests \$20,000 cash: Debit Cash \$20,000, Credit Owner's Capital \$20,000.

Owner's Withdrawals (Drawings)

When an owner withdraws cash or other assets from the business for personal use, the Owner's Drawings or Dividends account (a contra-equity account) is debited, and the Cash or relevant asset account is credited. If an owner withdraws \$1,000 cash: Debit Owner's Drawings \$1,000, Credit Cash \$1,000. This reduces the owner's equity in the business.

Recording Net Income

Net income, calculated as revenues minus expenses, increases owner's equity. At the end of an

accounting period, the net income is transferred to the Owner's Capital or Retained Earnings account. This is often done through closing entries, but the principle is that revenues increase equity and expenses decrease equity. When revenues exceed expenses, the net effect is an increase in equity.

Recording Dividends or Distributions

For corporations, dividends are distributions of profits to shareholders. Dividends reduce retained earnings, which is a component of equity. The journal entry debits Dividends (a contra-equity account) and credits Cash or Dividends Payable. If a company declares and pays a \$5,000 dividend: Debit Dividends \$5,000, Credit Cash \$5,000.

Inventory Management Journal Entries

For businesses that deal with physical products, managing inventory is critical. The cost of inventory is a significant expense, and its accurate tracking impacts both the balance sheet and the income statement. Journal entries play a vital role in accounting for inventory movements.

Purchasing Inventory

As previously mentioned, when inventory is purchased, whether for cash or on credit, the Inventory asset account is debited. If purchased on credit, Accounts Payable is credited. If purchased with cash, Cash is credited. For a \$3,000 inventory purchase on credit: Debit Inventory \$3,000, Credit Accounts Payable \$3,000.

Recording Sales of Inventory (Cost of Goods Sold)

This is a two-part entry. First, the sale itself is recorded, debiting Cash or Accounts Receivable and crediting Sales Revenue. Second, the cost of the inventory sold must be recognized. This involves debiting the Cost of Goods Sold expense account and crediting the Inventory asset account for the cost of the items sold. If inventory costing \$1,000 was sold for \$1,800 on credit:

Entry 1: Debit Accounts Receivable \$1,800, Credit Sales Revenue \$1,800.

Entry 2: Debit Cost of Goods Sold \$1,000, Credit Inventory \$1,000.

Recording Inventory Write-downs

If inventory becomes obsolete, damaged, or its market value falls below its cost, it needs to be written down. This involves debiting an Inventory Write-down Expense or Loss account and crediting the Inventory asset account. If \$500 of inventory is written down: Debit Loss on Inventory \$500, Credit Inventory \$500.

Payroll and Employee Costs Journal Entries

Managing payroll involves several critical journal entries to accurately reflect salaries, wages, and related employee benefits and deductions. These entries are vital for compliance and for accurate expense reporting.

Recording Gross Pay

When calculating payroll, the total amount earned by employees before any deductions is recorded. This involves debiting Salary Expense or Wages Expense and crediting Salaries Payable or Wages Payable (if not paid immediately). For \$20,000 in gross payroll: Debit Salary Expense \$20,000, Credit Salaries Payable \$20,000.

Recording Employee Payroll Deductions

Various deductions are made from gross pay, such as income tax withholding, social security tax, and health insurance premiums. These deductions reduce the cash paid to employees and create liabilities for amounts owed to government agencies or insurance providers. For example, if \$2,000 is withheld for taxes: Debit Salaries Payable \$2,000, Credit Payroll Tax Payable \$2,000.

Recording Employer Payroll Taxes

Employers are also responsible for paying certain payroll taxes, such as the employer's share of social security and Medicare taxes, and unemployment taxes. These are additional expenses for the employer. The journal entry debits Payroll Tax Expense and credits the relevant payable accounts (e.g., Payroll Tax Payable). If the employer's share of payroll taxes is \$1,500: Debit Payroll Tax Expense \$1,500, Credit Payroll Tax Payable \$1,500.

Paying Payroll

When employees are actually paid, the Salaries Payable or Wages Payable account is debited, and the Cash account is credited for the net pay (gross pay minus deductions). If \$18,000 net pay is disbursed: Debit Salaries Payable \$18,000, Credit Cash \$18,000.

Depreciation and Amortization Journal Entries

Long-term assets, like buildings and equipment, lose value over time due to wear and tear or obsolescence. This loss in value is recognized through depreciation. Similarly, intangible assets like

patents and copyrights are expensed over their useful lives through amortization. These are crucial adjusting entries.

Recording Depreciation Expense

Depreciation allocates the cost of a tangible asset over its useful life. At the end of each accounting period, an entry is made to recognize depreciation. This involves debiting Depreciation Expense (an expense account) and crediting Accumulated Depreciation (a contra-asset account, which reduces the book value of the asset). If \$500 in depreciation is recognized for equipment: Debit Depreciation Expense \$500, Credit Accumulated Depreciation \$500.

Recording Amortization Expense

Amortization is similar to depreciation but applies to intangible assets. When an intangible asset's useful life is finite, its cost is expensed over that period. The journal entry debits Amortization Expense and credits the intangible asset account itself (or an Accumulated Amortization account, though less common). If \$200 in amortization is recognized for a patent: Debit Amortization Expense \$200, Credit Patent \$200.

Adjusting Entries: The Importance of Accuracy

Adjusting entries are made at the end of an accounting period to ensure that revenue and expenses are recognized in the correct period, regardless of when cash is exchanged. They are fundamental to the accrual basis of accounting and are essential for presenting a true and fair view of the company's financial performance and position. Without them, financial statements would be incomplete or misleading.

Accrued Expenses

Accrued expenses are expenses that have been incurred but not yet paid or recorded. Examples include salaries earned by employees but not yet paid, or interest on loans. The adjusting entry debits the relevant expense account and credits a liability account (e.g., Salaries Payable, Interest Payable). This ensures the expense is recognized in the period it was incurred.

Accrued Revenues

Accrued revenues are revenues that have been earned but not yet received or recorded. This can happen when services are performed or goods are delivered, but the invoice has not yet been sent. The adjusting entry debits an asset account (e.g., Accounts Receivable) and credits the relevant

revenue account. This ensures revenue is recognized when earned.

Prepaid Expenses

Prepaid expenses are expenses paid in advance for goods or services that will be used in future periods. Initially, they are recorded as assets. Adjusting entries are made to recognize the portion of the prepaid expense that has been used up during the current period. The entry debits the expense account and credits the asset account (e.g., Prepaid Insurance, Prepaid Rent). This reflects the consumption of the asset.

Unearned Revenues (Revisited)

As discussed earlier, unearned revenues are liabilities. Adjusting entries are necessary to recognize the portion of unearned revenue that has been earned during the period as services are provided or goods are delivered. The entry debits Unearned Revenue and credits the relevant revenue account.

Closing Entries: Preparing for the Next Period

At the end of the accounting year, closing entries are made to zero out the balances of temporary accounts and transfer their net effect to permanent equity accounts. This process is essential for preparing the financial statements for the upcoming accounting period and maintaining the integrity of the accounting cycle.

Closing Revenue Accounts

All revenue accounts have a credit balance. To close them, they are debited for their respective balances, and the Income Summary (or directly Retained Earnings) account is credited. This effectively moves the total revenue into the Income Summary.

Closing Expense Accounts

All expense accounts have a debit balance. To close them, they are credited for their respective balances, and the Income Summary account is debited. This moves the total expenses into the Income Summary.

Closing Income Summary

After closing revenues and expenses, the Income Summary account will reflect the net income or net loss for the period. If there is a net income (credit balance in Income Summary), it is debited, and Retained Earnings is credited. If there is a net loss (debit balance in Income Summary), Retained Earnings is debited, and Income Summary is credited. This transfers the net profit or loss to the owner's equity.

Closing Owner's Drawings or Dividends Accounts

Accounts related to owner withdrawals or dividends have a debit balance. These accounts are credited to zero them out, and the Owner's Capital or Retained Earnings account is debited. This reduces the owner's equity by the amount withdrawn.

Conclusion: Mastering Financial Accounting Journal Entries

A firm understanding of common financial accounting journal entries is not merely an academic exercise; it is the bedrock upon which accurate financial reporting and sound business decision-making are built. From the initial recording of a sales transaction to the final closing entries that reset accounts for a new period, each journal entry plays a critical role in painting a clear picture of a company's financial health. By diligently applying the principles of double-entry bookkeeping, correctly identifying debits and credits, and meticulously documenting every transaction, businesses can ensure the integrity of their financial statements, satisfy regulatory requirements, and gain valuable insights into their operational performance. Mastering these fundamental journal entries empowers businesses with the clarity needed to manage resources effectively, plan strategically, and ultimately, achieve sustainable growth and financial success.

Frequently Asked Questions

What are common journal entries for revenue recognition?

Common journal entries for revenue recognition include debiting Accounts Receivable (or Cash) and crediting Revenue when goods or services are delivered. If payment is received in advance, a debit to Cash and a credit to Unearned Revenue is made, which is then debited and credited to Revenue as it's earned.

How do you record depreciation using journal entries?

The typical journal entry for recording depreciation involves debiting Depreciation Expense and crediting Accumulated Depreciation. This entry is made periodically (e.g., monthly, annually) to reflect the allocation of the asset's cost over its useful life.

What is the journal entry for paying employee salaries?

When paying employee salaries, the common journal entry is to debit Salaries Expense (or Wages Expense) and credit Cash. If there are withheld taxes or deductions (like health insurance premiums), those amounts would be credited to separate liability accounts (e.g., Payroll Taxes Payable, Employee Benefits Payable).

How are purchases of inventory recorded in journal entries?

If using the perpetual inventory system, the purchase of inventory is recorded with a debit to Inventory and a credit to Accounts Payable (if purchased on credit) or Cash (if paid immediately). For the periodic system, purchases are debited to a Purchases account, with credits to Accounts Payable or Cash.

What are common journal entries for the end-of-period adjustments?

Common adjusting journal entries include recording accrued expenses (e.g., debiting an expense account and crediting an accrued liability), recognizing prepaid expenses that have expired (e.g., debiting an expense and crediting the prepaid asset), and recording accrued revenue (e.g., debiting an accrued asset and crediting a revenue account).

How do you record the issuance of a note payable and its subsequent payment?

When issuing a note payable, you debit Cash and credit Notes Payable. For the subsequent payment of interest and principal, you would debit Interest Expense and Notes Payable (for the principal portion), and credit Cash for the total payment amount.

Additional Resources

Here are 9 book titles related to common financial accounting journal entries, with descriptions:

1.

The Debit and Credit Chronicle

This foundational text delves into the fundamental principles of double-entry bookkeeping. It meticulously explains the logic behind debits and credits, illustrating how they are applied to various transactions. The book offers numerous examples of journal entries for common business activities like sales, purchases, and payroll, making it an essential read for beginners.

2.

Unlocking Inventory Valuation: From FIFO to Weighted

Average

This guide focuses specifically on the journal entries required for inventory management and valuation. It provides a comprehensive breakdown of different costing methods, such as FIFO, LIFO (where applicable), and weighted average. Readers will learn how to record purchases, sales, and adjustments to inventory, ensuring accurate financial reporting.

3.

Revenue Recognition: The Journal Entry Blueprint

This book tackles the complexities of revenue recognition, a critical area in accounting. It meticulously details the journal entries needed to properly record revenue in accordance with established accounting standards. The text covers various revenue streams and the specific entries required for each, from service contracts to product sales.

4.

Depreciation and Amortization: Accounting for Asset Decline

This specialized volume explores the accounting treatment for the decline in value of tangible and intangible assets. It clearly outlines the journal entries used to record depreciation expense for fixed assets and amortization for intangible assets. The book offers practical guidance on selecting appropriate methods and calculating periodic entries.

5.

The Payroll Journal: From Gross Pay to Net Disbursement

This practical guide focuses on the intricate journal entries associated with employee compensation. It walks readers through the process of recording gross wages, deductions for taxes and benefits, and the final net pay. Understanding these entries is crucial for accurate payroll processing and tax compliance.

6.

Accounts Payable and Receivable: Mastering the Transaction Flow

This book provides an in-depth look at managing and recording transactions related to money owed to and by the business. It details the journal entries for recording purchases on credit, customer sales on account, and subsequent payments and collections. Mastering these entries ensures accurate tracking of current assets and liabilities.

7.

Cash Management: Journal Entries for Receipts and Payments

This title centers on the critical journal entries involved in managing a company's cash flow. It covers the recording of cash receipts from various sources, such as customer payments and investment income, as well as cash disbursements for expenses, asset purchases, and debt repayment. The book

emphasizes the importance of accurate cash accounting.

8.

Adjusting Entries: Bringing Accounts Up to Date

This essential resource explains the necessity and mechanics of adjusting entries, which are made at the end of an accounting period. It provides clear examples of common adjusting entries, such as accrued expenses, prepaid expenses, accrued revenues, and unearned revenues. These entries are vital for matching revenues and expenses to the correct periods.

9.

Closing the Books: Year-End Journal Entry Procedures

This comprehensive book guides users through the process of closing temporary accounts at the end of an accounting period. It details the journal entries required to zero out revenues, expenses, and dividends, and to transfer net income to retained earnings. Understanding these closing entries is fundamental to preparing accurate financial statements.

[Common Financial Accounting Journal Entries](#)

Common Financial Accounting Journal Entries

Related Articles

- [common organic functional groups list](#)
- [combinatorics practice problems](#)
- [communicating love and appreciation](#)

[Back to Home](#)