**XXX Secondary School**

**20xx-20xx**

**Business, Accounting and Financial Studies**

**Basics of Accounting: Accounting Equation Note 2**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_ Class No: \_\_\_\_ Date: \_\_\_\_\_\_\_\_\_

**2.2 Accounting Equation**

A business aims to make profit (the revenues earned should be greater than the expenses incurred).

Revenues: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Expenses: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Revenues (R) | Expenses (E) |
|  |  |

Revenues > Expenses => \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Revenues < Expenses => \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Assets (A) = Capital (C) + [Revenues (R) – Expenses (E)] + Liabilities (L)

Profit is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and Loss is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Drawings: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The amount of drawings would be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Assets (A) = Capital (C)** **+ [Revenues (R) – Expenses (E)] – Drawings (D) + Liabilities (L)**

 =

+ Liabilities (L)

Capital (C)

**+ [Revenues (R) – Expenses (E)]**

**– Drawings (D)**

Assets (A)



The total sum of a business owned (Assets) is equal to

the sum of the resources provided by the owner(s) (Capital) with deduction of taken/ withdrawal by owner(s) (Drawings) and addition of Profit (Revenues–Expenses), and

resources borrowed from others apart from the owner(s) (Liabilities).

The two sides of the equation must be the same and balanced.

**Effects of Business Transactions on Accounting Equation**

**Analyzing the Effects of Business Transactions on the Accounting Equation**

1. identifying the items (accounts) and amount to be affected by the transaction
2. double-checking which items (accounts) are to be affected at a time (at least two items)
3. marking the effects of the transaction (increased, decreased or unchanged) on the relevant items of the accounting equation
4. double-checking if the accounting equation remains balanced after marking the effects

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Transactions | Assets | + | Expenses | + | Drawings | = | Capital | + | Revenues | + | Liabilities | Accounting Equation |
| 1. The firm paid salary $1,690 in cash.
 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. The firm received bank interest $2,400.
 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. The firm bought goods $4,500 from a supplier on credit.
 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. The firm sold goods $3,200 to customer on credit.
 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. The owner withdrew cash $2,000 for personal use.
 |  |  |  |  |  |  |  |  |  |  |  |  |

**Answers:**

**2.2 Accounting Equation**

A business aims to make profit (the revenues earned should be greater than the expenses incurred).

Revenues: income earned from sales of goods or provision of services to customers

Expenses: costs incurred to generate revenue

|  |  |
| --- | --- |
| Revenues (R) | Expenses (E) |
| SalesInterest incomeCommissions revenue | SalaryRentElectricityWater feeUtilitiesManagement fee |

Revenues > Expenses => Profit

Revenues < Expenses => Loss

Assets (A) = Capital (C) + [Revenues (R) – Expenses (E)] + Liabilities (L)

Profit is added to Capital and Loss is deducted from Capital.

Drawings: resources of a business taken by its owner for personal use

The amount of drawings would be deducted from Capital.

**Assets (A) = (Capital (C) + [Revenues (R) – Expenses (E)] – Drawings (D) + Liabilities (L)**

 =

+ Liabilities (L)

Capital (C)

**+ [Revenues (R) – Expenses (E)]**

**– Drawings (D)**

Assets (A)



The total sum of a business owned (Assets) is equal to

the sum of the resources provided by the owner(s) (Capital) with deduction of taken/ withdrawal by owner(s) (Drawings) and addition of Profit (Revenues–Expenses), and

resources borrowed from others apart from the owner(s) (Liabilities).

The two sides of the equation must be the same and balanced.

**Effects of Business Transactions on Accounting Equation**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Transactions | Assets | + | Expenses | + | Drawings | = | Capital | + | Revenues | + | Liabilities | Accounting Equation |
| 1. The firm paid salary $1,690 in cash.
 | ↓ $1,690 |  | ↑ $1,690 |  |  |  |  |  |  |  |  | Total unchanged and the equation remained balanced |
| 1. The firm received bank interest $2,400.
 | ↑ $2,400 |  |  |  |  |  |  |  | ↑ $2,400 |  |  | Total increased but the equation remained balanced |
| 1. The firm bought goods $4,500 from a supplier on credit.
 |  |  | ↑ $4,500 |  |  |  |  |  |  |  | ↑ $4,500 | Total increased but the equation remained balanced |
| 1. The firm sold goods $3,200 to customer on credit.
 | ↑ $3,200 |  |  |  |  |  |  |  | ↑ $3,200 |  |  | Total increased but the equation remained balanced |
| 1. The owner withdrew cash $2,000 for personal use.
 | ↓ $2,000 |  |  |  | ↑ $2,000 |  |  |  |  |  |  | Total unchanged and the equation remained balanced |