

Grade 4 Mathematics Notes Term 3

Strand: Measurement

Substrand: Money

Introduction

Money is something we use every day. It allows us to buy things we need, pay for services, and save for the future. Learning about money is important because it helps us understand how to manage our needs, make wise decisions, and appreciate the value of items we use daily. In Kenya, we use the **Kenya Shilling (KSh)** as our currency. It is divided into **shillings and cents**.

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1. Relationship Between Shillings and Cents

- **1 shilling = 100 cents**

This means that if you collect 100 coins of 1 cent each, you will have 1 shilling.

Example 1

- If you have **3 shillings**, how many cents are these?
 - Since 1 shilling = 100 cents,
 - $3 \text{ shillings} = 3 \times 100 = 300 \text{ cents}$

Example 2

- Change 250 cents into shillings.
 - 100 cents = 1 shilling
 - $250 \div 100 = 2 \text{ shillings and } 50 \text{ cents}$.
 - Therefore, 250 cents = **2 shillings 50 cents**.

Understanding this helps us move between shillings and cents easily.

2. Converting Shillings to Cents

When converting shillings into cents, multiply the number of shillings by 100.

Steps

1. Identify the number of shillings.
2. Multiply that number by 100.
3. Write the answer in cents.

Examples

- 5 shillings = $5 \times 100 = \mathbf{500 \text{ cents}}$.
 - 12 shillings = $12 \times 100 = \mathbf{1200 \text{ cents}}$.
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3. Converting Cents to Shillings

When converting cents into shillings, divide the number of cents by 100.

Steps

1. Identify the number of cents.
2. Divide by 100.
3. Write the answer in shillings and cents.

Examples

- 700 cents = $700 \div 100 = \mathbf{7 \text{ shillings}}$.
- 125 cents = $125 \div 100 = 1 \text{ shilling and } 25 \text{ cents}$.

This skill is useful when reading prices in shops and when giving or receiving change.

4. Preparing a Shopping List

A **shopping list** is a record of items you want to buy and their prices. It helps us remember what to buy and prevents overspending.

Steps in Preparing a Shopping List

1. Write the name of each item you need.
2. Write the cost of each item.
3. Calculate the total cost of all items.
4. Ensure the total cost does not exceed the amount of money you have.