

## 1st Grade Math: Real-World Problems in Addition

In this lesson, we will learn how to solve **real-world problems** using **addition**. Real-world problems are math problems based on everyday life situations. Addition helps us find out the total when we combine two or more amounts.

### Key Concepts

#### 1. What is a Real-World Addition Problem?

- A **real-world addition problem** asks us to add numbers from a real-life situation. You can think of times when you need to find the total of two or more things you have, such as toys, fruits, or even money.

#### 2. Steps to Solve a Real-World Addition Problem:

- **Step 1: Understand the problem** – What are you being asked to do? Look for clues in the story or question.
- **Step 2: Identify the numbers** that need to be added together.
- **Step 3: Write a number sentence** to show the addition.
- **Step 4: Solve the problem** by adding the numbers together.
- **Step 5: Answer the question** – Use a complete sentence to explain your answer.

### Example 1: Real-World Problem

*Problem: Emma has 3 apples and her mom gives her 2 more apples. How many apples does Emma have now?*

**Step 1:** Understand the problem: Emma has some apples, and she gets more.

- Emma has **3 apples**.
- She gets **2 more apples**.

**Step 2:** Identify the numbers:

- The numbers are **3** and **2**.

**Step 3:** Write a number sentence:

- $3 + 2 = ?$

**Step 4:** Solve the problem:

- $3 + 2 = 5$ .

**Step 5:** Answer the question:

- Emma has **5 apples** in total.

## Example 2: Real-World Problem

*Problem: Jack has 4 toy cars. His dad buys him 3 more cars. How many toy cars does Jack have now?*

**Step 1:** Understand the problem: Jack has some toy cars, and he gets more.

- Jack has **4 cars**.
- He gets **3 more cars**.

**Step 2:** Identify the numbers:

- The numbers are **4** and **3**.

**Step 3:** Write a number sentence:

- $4 + 3 = ?$

**Step 4:** Solve the problem:

- $4 + 3 = 7$ .

**Step 5:** Answer the question:

- Jack has **7 toy cars**.

## Practice Real-World Addition Problems

- Problem:** Lucy has **5 flowers** in her garden. She plants **2 more flowers**. How many flowers does Lucy have in total?
  - **Step 1:** Lucy has **5 flowers**, and she plants **2 more**.
  - **Step 2:** Write a number sentence:  $5 + 2 = ?$
  - **Step 3:** Solve the problem.
  - **Answer:** Lucy has **7 flowers**.
- Problem:** Ben has **6 pencils**. His teacher gives him **4 more pencils**. How many pencils does Ben have now?
  - **Step 1:** Ben has **6 pencils**, and he gets **4 more pencils**.
  - **Step 2:** Write a number sentence:  $6 + 4 = ?$
  - **Step 3:** Solve the problem.
  - **Answer:** Ben has **10 pencils**.
- Problem:** Maria has **8 cookies**. She gives her friend **2 cookies**. How many cookies does Maria have left?
  - **Step 1:** Maria has **8 cookies**, and she gives away **2 cookies**.
  - **Step 2:** Write a number sentence:  $8 - 2 = ?$
  - **Step 3:** Solve the problem.
  - **Answer:** Maria has **6 cookies**.

## Summary

- In real-world addition problems, you add numbers based on real-life situations.
- Follow the steps: **understand the problem, identify the numbers, write a number sentence, solve the problem, and answer the question.**
- Practice makes it easier to solve problems quickly and correctly.

## Practice Problems

1. John has **3 oranges** and buys **5 more**. How many oranges does he have now?
2. Sarah has **7 candies**. Her friend gives her **3 more candies**. How many candies does Sarah have?
3. There are **4 birds** on a tree, and **2 more birds** fly to the tree. How many birds are on the tree now?

By practicing real-world problems, you'll get better at solving addition questions and using math in everyday life!