



Introduction to Word Problems

Read the following introduction and answer the questions that follow:

Welcome to Solving Word Problems and Real-Life Scenarios Using Addition Skills! In this welcome pack, we will explore the exciting world of word problems and real-life scenarios using addition skills. As a beginner, you will learn how to apply addition skills to solve a variety of problems, from simple to complex.

1. What is a word problem?

2. Why are addition skills important for solving word problems?

Understanding Word Problems

Read the following word problem and answer the question:

Tom has 5 pencils in his pencil case. His friend gives him 2 more pencils. How many pencils does Tom have now?

Foundation: Use a number line to help you solve the problem. **Core:** Use mental math to solve the problem. **Extension:** Create your own word problem using a real-life scenario.

Applying Addition Skills

Solve the following addition problem:

$$3 + 2 = ?$$

Foundation: Use counting blocks to help you solve the problem. **Core:** Use mental math to solve the problem. **Extension:** Create your own addition problem using a real-life scenario.

Real-Life Scenarios

Read the following real-life scenario and answer the question:

You have £5 to spend on sweets. Each sweet costs £1. How many sweets can you buy?

Foundation: Use a number line to help you solve the problem. **Core:** Use mental math to solve the problem. **Extension:** Create your own real-life scenario using addition skills.

Word Problem Sorting

Sort the following word problems into categories:

- Tom has 5 pencils in his pencil case. His friend gives him 2 more pencils.
- You have £5 to spend on sweets. Each sweet costs £1.
- A book costs £10. If you buy 2 books, how much will you pay in total?

Foundation: Use a simple sorting system. **Core:** Use a more complex sorting system. **Extension:** Create your own word problems to sort.

Creating Word Problems

Create your own word problem using a real-life scenario:

Foundation: Use a simple scenario. **Core:** Use a more complex scenario. **Extension:** Create a word problem with multiple steps.

Mental Math

Solve the following mental math problem:

$$5 + 3 = ?$$

Foundation: Use counting blocks to help you solve the problem. **Core:** Use mental math to solve the problem. **Extension:** Create your own mental math problem.

Real-Life Applications

Read the following real-life application and answer the question:

You are planning a trip to the park. You need to calculate the total cost of transportation, food, and entrance fees. If the transportation costs £5, food costs £3, and entrance fees cost £2, how much will you pay in total?

Foundation: Use a number line to help you solve the problem. **Core:** Use mental math to solve the problem. **Extension:** Create your own real-life application using addition skills.

Problem-Solving Strategies

Use a problem-solving strategy to solve the following word problem:

A bookshelf has 5 books on it. If 2 more books are added, how many books are on the bookshelf now?

Foundation: Use a simple strategy. **Core:** Use a more complex strategy. **Extension:** Create your own problem-solving strategy.

Review and Reflection

Reflect on your learning and identify areas where you need more practice:

Individual Reflection:

1. What did you learn about word problems and real-life scenarios?

2. What areas do you need more practice in?

Conclusion

Congratulations! You have completed our welcome pack on solving word problems and real-life scenarios using addition skills.

Remember to practice regularly and have fun learning!

