Introduction to Three-Digit Numbers and Basic Subtraction Concepts

Welcome to Our Math Adventure!

In this exciting journey, we will explore the world of three-digit numbers and basic subtraction concepts. Get ready to learn, practice, and have fun with math!

Understanding Three-Digit Numbers

A three-digit number is a number that has a hundreds place, a tens place, and a ones place. For example, the number 456 is a three-digit number because it has 4 hundreds, 5 tens, and 6 ones.

1. What is the value of the digit 5 in the number 456?

2. What is the value of the digit 4 in the number 456?

Basic Subtraction Concepts

Subtraction is an operation that finds the difference between two numbers. For example, 10 - 3 = 7.

1. 456 - 120 = _____

2. 279 - 147 = _____

3. 945 - 378 = _____

Real-World Applications

Three-digit numbers and subtraction are used in many real-life situations, such as measuring lengths, counting money, and telling time.

1. Tom has 456 dollars in his savings account. He spends 120 dollars on a new bike. How much money does Tom have left?

2. A water tank can hold 456 liters of water. If 120 liters of water are already in the tank, what percentage of the tank is filled?

Mental Math Strategies

Mental math strategies are ways to solve math problems in your head without using a calculator or pencil and paper.

1. 456 - 120 = _____

2. 279 - 147 = _____

3. 945 - 378 = _____

Word Problems

To solve word problems, read the problem carefully, identify the operation needed, and solve the problem using the correct operation.

1. Tom has 456 pencils. He gives 120 pencils to his friend. How many pencils does Tom have left?

2. A book has 456 pages. If I read 120 pages, what fraction of the book have I read?

Number Lines

A number line is a visual representation of numbers on a line.

1. 456 - 120 = _____

2. 279 - 147 = _____

3. 945 - 378 = _____

Review

Review the concepts learned in this worksheet by solving the following problems:

1. 456 - 120 = _____

2. 279 - 147 = _____

3. 945 - 378 = _____

Challenge

Solve the following challenge problems:

1. 999 - 456 = _____

2. 945 - 279 = _____

3. 756 - 378 = _____

Reflection

Reflect on what you have learned in this worksheet. What concepts were easy for you? What concepts were challenging?

1. What is your favorite math concept learned in this worksheet?

2. What do you think is the most important concept learned in this worksheet?

Conclusion

Congratulations on completing this worksheet! You have learned about three-digit numbers and basic subtraction concepts. Remember to practice regularly to reinforce your understanding of these concepts.

1. What is the value of the digit 4 in the number 456?

2. What is the largest three-digit number that is less than 1000?