



Welcome to the World of Mathematics!

In this exciting journey, we will explore the concept of subtraction with regrouping using base ten blocks. This fundamental skill is essential for building a strong foundation in mathematics. Get ready to learn and have fun!

What is Subtraction with Regrouping?

Subtraction with regrouping is a mathematical operation that involves subtracting one number from another, using regrouping to solve the problem. It's like having a bunch of blocks, and you need to take some away. But, what if you don't have enough blocks in one group? That's where regrouping comes in!

Let's Get Started!

To begin, let's review the concept of base ten blocks. These blocks represent numbers in the tens and ones places. We will use them to visualize the regrouping process and solve subtraction problems.

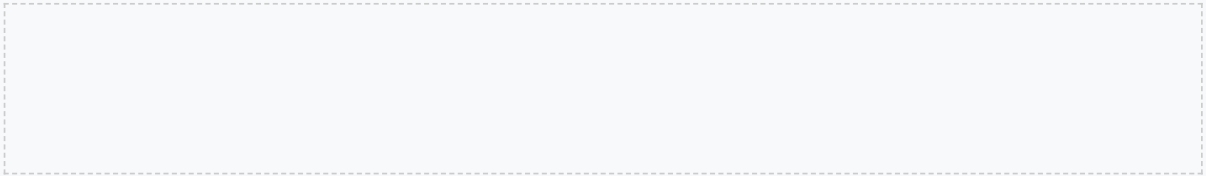
Activity 1: Base Ten Block Exploration

Use the base ten blocks to represent the number 45. Then, subtract 27 from 45 using the blocks. How many blocks do you have left?

Activity 2: Subtraction with Regrouping

Solve the following subtraction problems using base ten blocks:

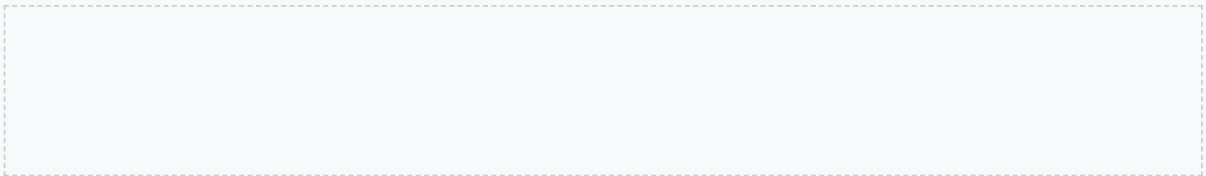
1. $56 - 32 = ?$



2. $75 - 43 = ?$



3. $23 - 17 = ?$



Real-World Applications

Subtraction with regrouping is used in everyday life, such as measuring lengths or weights. For example, if you have 25 pencils and give 17 to your friend, how many pencils do you have left?

Challenge Time!

Create your own word problem involving subtraction with regrouping. Use base ten blocks to solve the problem and share your answer with a friend or family member.

Conclusion

Congratulations! You have completed the introduction to subtraction with regrouping using base ten blocks. Remember, practice makes perfect. Keep practicing, and soon you'll be a master of subtraction with regrouping!

Assessment

Answer the following questions:

1. What is subtraction with regrouping?

2. How do you use base ten blocks to solve subtraction problems?

3. Create a word problem involving subtraction with regrouping and solve it using base ten blocks.

Extension Activity

Design a game or puzzle that involves subtraction with regrouping using base ten blocks. Share your creation with the class and have fun playing together!

Glossary

Learn the following terms:

- Regrouping: The process of exchanging one unit of a larger place value for ten units of a smaller place value.
- Base Ten Blocks: A set of blocks used to represent numbers in the tens and ones places.
- Subtraction: The mathematical operation of finding the difference between two numbers.

We Hope You Enjoyed This Activity!

Remember, learning is fun! Keep exploring and practicing, and soon you'll become a math superstar!

