



Introduction to Place Value (10 minutes)

Read the following text and answer the questions:

Place value is the value of a digit depending on its position in a number. In a three-digit number, the hundreds digit represents the largest value, followed by the tens digit, and then the ones digit.

1. What is the place value of the digit 4 in the number 247?

2. Identify the place value of the digit 7 in the number 275:

Practice Exercises (15 minutes)

Complete the following exercises to reinforce your understanding of place value:

1. Write the place value of each digit in the number 456:
 - o Hundreds: _____
 - o Tens: _____
 - o Ones: _____
2. Identify the place value of the digit 3 in the number 375:
 - o Hundreds: _____
 - o Tens: _____
 - o Ones: _____

Subtraction Time! (20 minutes)

Now that we understand place value, let's practice subtracting three-digit numbers. Remember to regroup and borrow when necessary!

1. Subtract 145 from 247:

2. Subtract 219 from 435:

Word Problems (15 minutes)

Apply your understanding of place value and subtraction to solve these word problems:

1. Tom has 247 pencils in his pencil case. He gives 145 pencils to his friend. How many pencils does Tom have left?

2. A bookshelf has 435 books. If 219 books are removed, how many books are left?

Games and Activities (20 minutes)

Choose one of the following activities to practice your understanding of place value and subtraction:

1. Place Value Bingo: Create bingo cards with three-digit numbers and play a game of bingo to practice identifying place value.
2. Subtraction Scavenger Hunt: Find objects in the classroom or at home that have three-digit numbers on them. Subtract a given number from the number on the object to find the answer.
3. Math Charades: Act out a three-digit subtraction problem without speaking. Your classmates have to guess the problem and solve it.

Assessment (15 minutes)

Complete the following quiz to assess your understanding of place value and subtraction:

1. What is the place value of the digit 4 in the number 247?
 - a) 400
 - b) 40
 - c) 4
2. Subtract 197 from 567:

Conclusion (10 minutes)

Congratulations on completing this worksheet! You now have a solid understanding of place value and subtraction. Remember to practice regularly to become a math master!

Individual Reflection:

1. What strategies were most effective in helping you understand place value and subtraction?

2. How can you apply your understanding of place value to real-world scenarios?

3. What challenges did you face, and how did you overcome them?

Extension Activities (15 minutes)

Choose one of the following activities to extend your learning:

1. Create your own word problems involving three-digit subtraction.
2. Play online math games that focus on place value and subtraction.
3. Create a math puzzle or game to share with your classmates.

Parent Engagement (10 minutes)

Encourage your child to practice their math skills regularly. Ask your child to explain their understanding of place value and subtraction.

Play math games or work on math puzzles together.

Safety Considerations (5 minutes)

Ensure the classroom is free from hazards. Establish clear rules and expectations. Provide accommodations for students with special needs.

Teaching Tips (10 minutes)

Use visual aids to demonstrate place value and subtraction. Provide real-world examples to illustrate the importance of place value. Differentiate instruction to meet the needs of all students.

Use technology to support math instruction.

Key Takeaways (5 minutes)

Understanding place value is crucial for subtracting three-digit numbers. Apply place value understanding to real-world scenarios. Practice regularly to become proficient in subtraction.

