

Objective

By the end of this lesson, you will be able to understand number bonds, the relationship between addition and subtraction, and use them to solve problems involving partitioning.

Materials and Prep

Materials: Pen/Pencil, Paper

Prep: None

Activities

- Activity 1: Number Bond Puzzles

Create number bond puzzles with missing numbers for the student to solve. For example, for the number bond $7 = 3 + \underline{\quad}$, what could the missing number be?

- Activity 2: Addition and Subtraction Stories

Provide the student with simple addition and subtraction word problems that involve partitioning. Encourage them to draw number bonds to help solve these problems.

- Activity 3: Number Bond Art

Let the student create art using number bonds. For example, they can draw a flower with petals representing different number bonds.

Talking Points

- What are number bonds?

"Number bonds show how a number can be broken into two parts. It helps us understand addition and subtraction better."

- How can we use number bonds to solve problems?

"We can use number bonds to see how numbers are related. This helps us when we add or take away numbers."

- What is the relationship between addition and subtraction?

"When we add numbers together, we get a bigger number. When we subtract, we take away to get a smaller number. Number bonds help us see this relationship."