

# Relationship Between Addition and Subtraction

## Lesson 3: Using a Number Bond II

**Rationale:** This lesson builds off the previously taught concrete unit. Students should still be using concrete tools to solve all these problems, whenever needed. This is a good opportunity for students to choose their favorite tool to solve problems. Please have students be flexible with the placement of the equal sign and show it in multiple places within each equation.

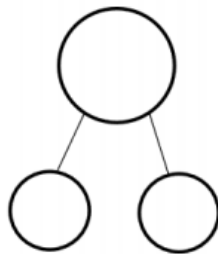
**Objective:** I can use a number bond to write matching addition and subtraction number sentences

**Vocabulary:** add, subtract, equals, missing part, whole

**Materials:** Math tools, dry erase board and marker

1. Project on the board:

There are 12 flowers in a vase.  
Some are red. 7 are pink.  
How many flowers are red?



2. Read the word problem. Have students turn and talk about what the word problem is asking in their own words. Have students share. Ask: What is the math job? Adding or subtracting.

REMIND STUDENTS:

When we add, we only add our parts.

When we subtract, we start with the whole.

Each side of the equal sign must have the same value.

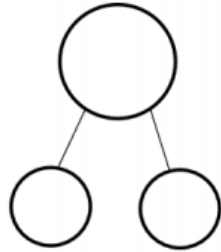
3. If we are subtracting? What is the whole? What is one part of the whole?

4. Ask students to solve. Let them share their ways.

5. Ask students to help you write number sentences to match the number bond and match the problem. Push students to write as many forms as possible on their dry erase boards.

6. Repeat with:

Stan had 14 popsicles.  
He had 6 orange popsicles.  
The rest were blue.  
How many popsicles were blue?



7. Read the word problem. Have students turn and talk about what the word problem is asking in their own words. Have students share. Ask: What is the math job? Adding or subtracting.

REMINDE STUDENTS:

When we add, we only add our parts.

When we subtract, we start with the whole.

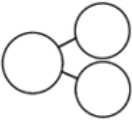
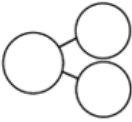
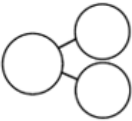
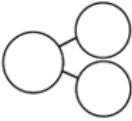
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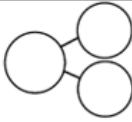
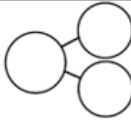
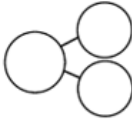
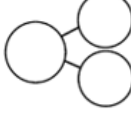
8. If we are subtracting? What is the whole? What is one part of the whole?

9. Ask students to solve. Let them share their ways.

10. Ask students to help you write number sentences to match the number bond and match the problem. Push students to write as many forms as possible on their dry erase boards.

11. Must Do Worksheet—\*\*Note: Have students write addition and subtraction number sentences for each number bond on their Must Do

Name _____ Date _____	
Write an addition AND subtraction number sentence for each number bond.	
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