

Relationship Between Addition and Subtraction

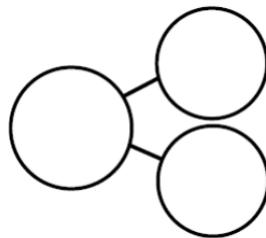
Lesson 1: Building Number Bonds

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 create a number bond to write matching addition and subtraction number sentences

Vocabulary: add, subtract, equals, missing part, whole
Materials: Magnetic counters, dry erase board and marker

1. Project on the board:



$$5 - 3 =$$

2. Ask students to read the subtraction sentence. Say, "I want to use this subtraction sentence to fill in the number bond." Have students turn and talk about where they think the numbers belong. Have a student come to the board and model where the numbers belong.

REMINDE 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.

Use magnetic counters, if necessary, to solve the problem.

3. On the dry erase boards, have students write the matching addition sentences in several ways ($5=3+2$, $2+3=5$, $5=2+3$)

4. Repeat with $7-2=$ 5. Must Do Worksheet—**Note: Have students write addition and subtraction number sentences for each number bond on their Must Do