Relationship Between Addition and Subtraction: Using a Number Bond

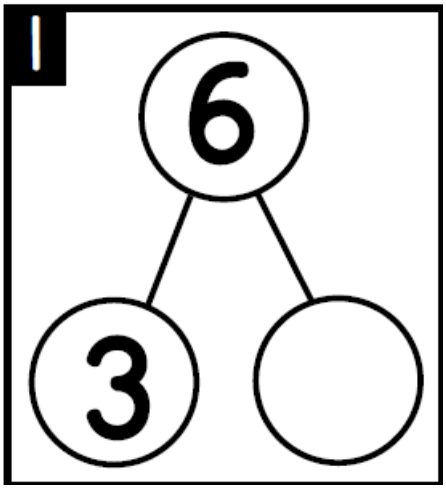
Rationale: This lesson builds off the previously taught concrete unit. Students should still be using concrete tools to solve all these problems, whenever needed. This is a good opportunity for students to choose their favorite tool to solve problems. Please have students be flexible with the placement 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

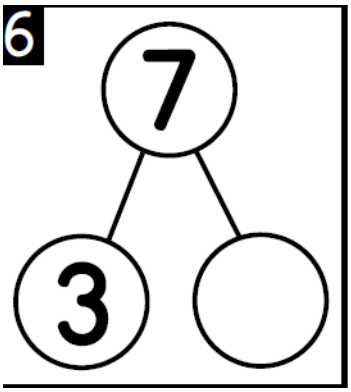
Materials: Magnetic counters, dry erase board and marker

1. Project on the board:



2. Have students turn and talk about what they see in the number bond. "What do you notice? What do you need to find out?" Have students share.
3. Using magnetic counters, put six counters next to the digit 6. Model moving three counters to the digit 3, and ask students, "What is the other part of 6?" (3). Model moving those three counters into the blank circle.

4. Ask students to help you write an addition sentence and a subtraction sentence to match the number bond. Push students to write as many forms as possible on their dry erase boards:
   (6=3+3, 3+3=6, 6-3=3, 3=6-3)
5. Repeat with:



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