

Number Bonds Activity Cards – Addition & Subtraction

Number bonds are a pictorial representations of how numbers combine to make larger numbers, and how numbers break down into smaller parts. By modeling with number bonds, children can understand the inverse relationship between composition (addition) of numbers and decomposition (subtraction).

Number Bond Cards can be used to practice math facts, and are also an excellent way for students to model word problems. Cards can be used independently by students, or you can group students into pairs or groups of 3 students for collaborative work. Provide each child with a different color dry-erase marker to use with the cards.

How to Use the Number Bond Cards

Included are 90 two-sided cards and instructions. The number bonds included are for sums to: 2, 3, 4, 5, 6, 7, 8, 9, and 10. Zero (0) as an addend is also included in this set. Answers are on the reverse side for quick check of accuracy. For use with dry-erase markers.

Begin by composing and decomposing numbers 2, 3, 4, and 5.

- Provide a different color dry-erase marker for each child.
- Choose the cards with sums to 2, 3, 4, and 5 from the deck and set the other cards aside.
- Work with children to write in the missing addends on these cards starting with sums to 2 and ending with sums to 5.

Next, work with students in composing and decomposing numbers 6, 7, and 8.

- Provide a different color dry-erase marker for each child.
- Choose the cards with sums to 6, 7, and 8 from the deck and set the other cards aside.
- Work with children to write in the missing addends on these cards starting with sums to 6 and ending with sums to 8.

Next, work with students in composing and decomposing numbers 9 and 10.

- Provide a different color dry-erase marker for each child.
- Choose the cards with sums to 9 and 10 from the deck and set the other cards aside.

(Continued on back of card)

- Work with children to write in the missing addends on these cards starting with sums to 9 and ending with sums to 10.

Finally, work with students in composing and decomposing numbers with an addend of 0.

- Choose the cards with addends of 0 from the deck and set the other cards aside.
- Work with children to write in the missing addends.

This exercise helps students understand that when you add or subtract zero to any number you get that same number as a sum or difference.

Number Bond Cards in this Set Three variations of each number bond	
$1 + 1 = 2$	$1 + 2 = 3$
$1 + 3 = 4$	$2 + 2 = 4$
$1 + 4 = 5$	$2 + 3 = 5$
$1 + 5 = 6$	$2 + 4 = 6$
$3 + 3 = 6$	$1 + 6 = 7$
$2 + 5 = 7$	$3 + 4 = 7$
$1 + 7 = 8$	$2 + 6 = 8$
$3 + 5 = 8$	$4 + 4 = 8$
$1 + 8 = 9$	$2 + 7 = 9$
$3 + 6 = 9$	$4 + 5 = 9$
$1 + 9 = 10$	$2 + 8 = 10$
$3 + 7 = 10$	$4 + 6 = 10$
$5 + 5 = 10$	$0 + 1 = 1$
$0 + 2 = 2$	$0 + 5 = 5$
$0 + 7 = 7$	$0 + 10 = 10$