

# Race to Ten: At Home

Addition and Subtraction

From the Developing Number Concepts Series by Kathy Richardson

## Goal(s):

- Recognize the plus and minus signs and add or subtract according to the sign
- Begin to notice what number they end up with when adding or subtracting
- Tell how many altogether or how many left after adding or taking away counters

## Materials:

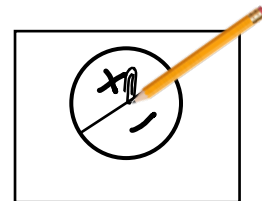
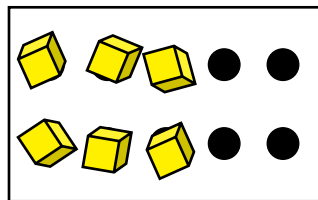
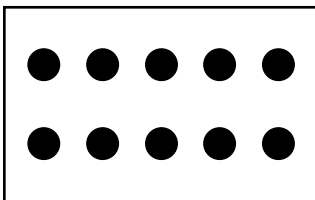
- Working Space Paper (1 or 2 per child)
- Counters such as pennies, beans, macaroni, blocks, Legos, etc.
- Dice (1-6 or 4-9) or Numeral cards in a bag (1-6 or 4-9)
- Plus-or-Minus Spinner

## Procedures:

1. The child plays with a partner. Each partner has an empty Working Space Paper
2. The partners take turns rolling the die (or pulling a numeral card from a bag) and spinning the spinner to see how many to add or take away.

For example: This child rolled a 6. The spinner landed on the plus sign. She added 6 counters.

3. The partners continue taking turns until one of them fills their Working Space papers with 10 counters.



## What to watch for:

- Does the child begin to add or take away right after they spin or do they take a bit of time to remember what to do?
- Does the child count one by one to add or take away or can they add or subtract some groups?
- Do they ever predict how many they will have before they add or subtract?

## Suggestion(s):

Ask: Now that you have added some on (or taken some off), how many are on the board now?