



# Methods for Addition within 20

Let's add within 20.

## Warm-up

### Number Talk: Related Expressions

Find the value of each expression mentally.

- $5 + 8$

- $6 + 7$

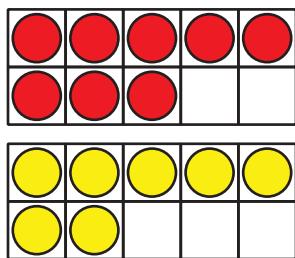
- $8 + 7$

- $6 + 9$

## Activity 1

### Lin, Han, and Kiran Add

Lin, Han, and Kiran find the value of  $8 + 7$ .



Lin thinks about  $8 + 2 + 5$ .

Han thinks about  $7 + 7 + 1$ .

Kiran thinks about  $8 + 8 - 1$ .

Explain how each student's method works.

Show your thinking using drawings, numbers, or words.

## Activity 2

### How Did You Add?

- Pick a card.
- Each partner finds the value on their own.
- Each partner gives a signal when they are ready to explain their thinking.
- Each partner shares their thinking.
- Each partner writes the equation to show the sum.

Choose your favorite equation.

Show how you found the value using drawings, numbers, or words.