



# Compose 3-Digit Numbers

Let's compose 3-digit numbers.

## Warm-up

### Number Talk: Add Tens and Ones

Find the value of each expression mentally.

- $42 + 42$

- $21 + 63$

- $50 + 34$

- $48 + 36$



## Activity 1

### Sort Blocks by Value

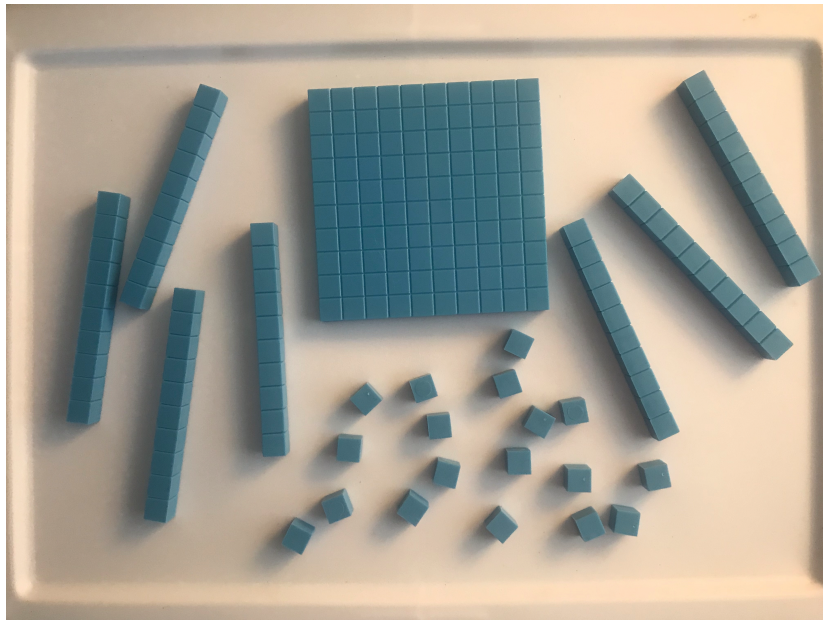
1. Sort the blocks.
  - We have \_\_\_\_\_ hundreds.
  - We have \_\_\_\_\_ tens.
  - We have \_\_\_\_\_ ones.
2. Represent the same value. Use the fewest number of blocks possible.
  - We have \_\_\_\_\_ hundreds.
  - We have \_\_\_\_\_ tens.
  - We have \_\_\_\_\_ ones.
3. Represent the value of your blocks. Show your thinking using drawings, numbers, or words.



## Activity 2

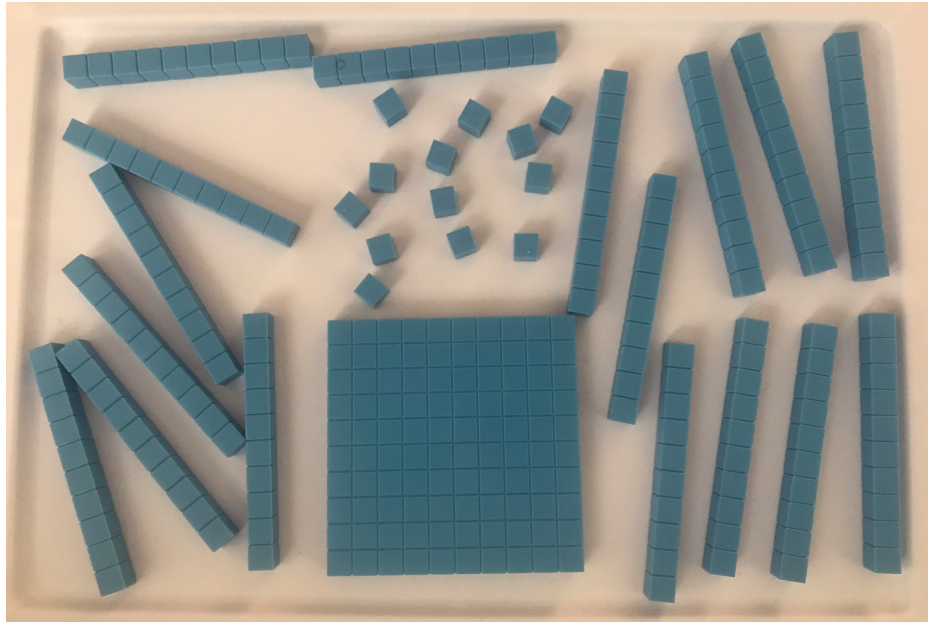
### The Same But Different

Mai's blocks



1. Mai has \_\_\_\_\_ hundreds \_\_\_\_\_ tens \_\_\_\_\_ ones.
2. Draw a base-ten diagram that represents the same total value.  
Use the fewest number of each unit.
3. What is the value of Mai's blocks?

## Diego's blocks



4. Diego has \_\_\_\_ hundreds \_\_\_\_ tens \_\_\_\_ ones.
5. Draw a base-ten diagram that represents the same total value.  
Use the fewest number of each unit.
6. What is the value of Diego's blocks?