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.

- $42 + 42$

- $21 + 63$

- $50 + 34$

- $48 + 36$

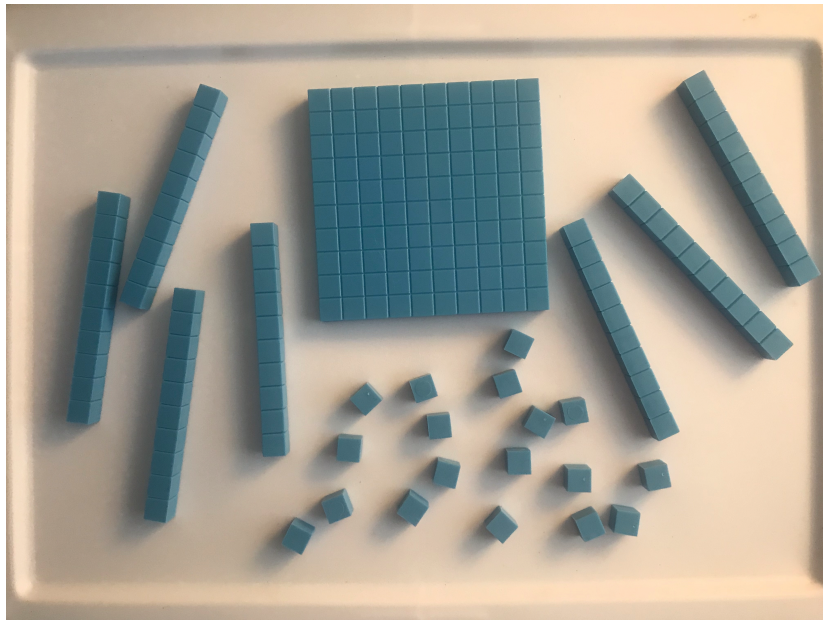## Sort Blocks by Value

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.
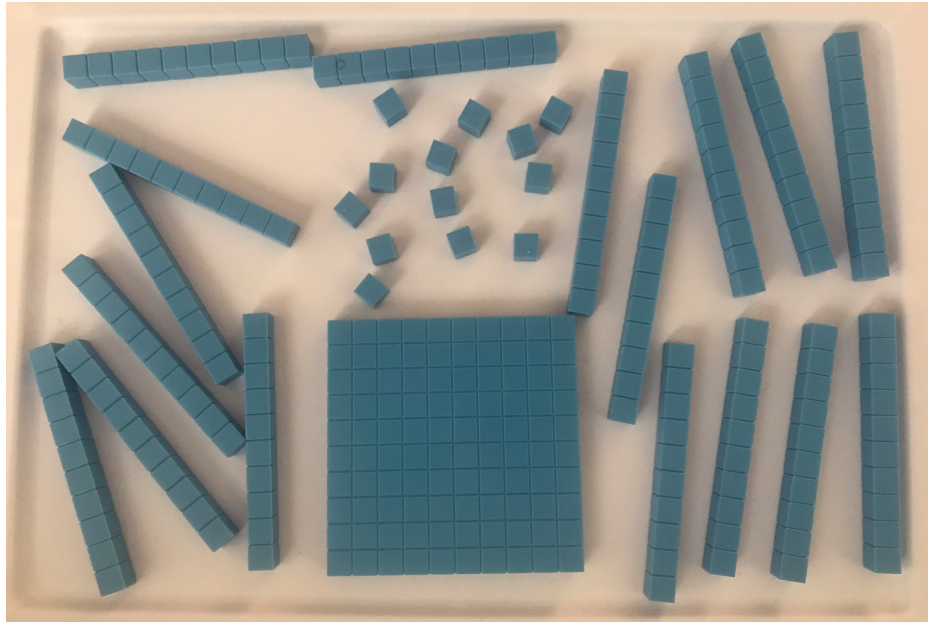
The Same But Different

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?