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.

- $42 + 42$
- $21 + 63$
- $50 + 34$
- $48 + 36$

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Activity 1

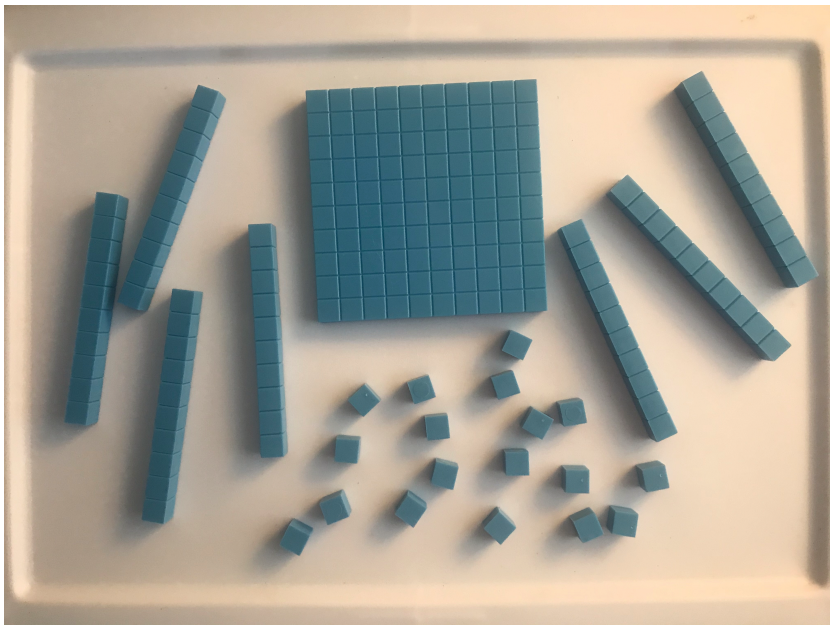
Sort Blocks by Value

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

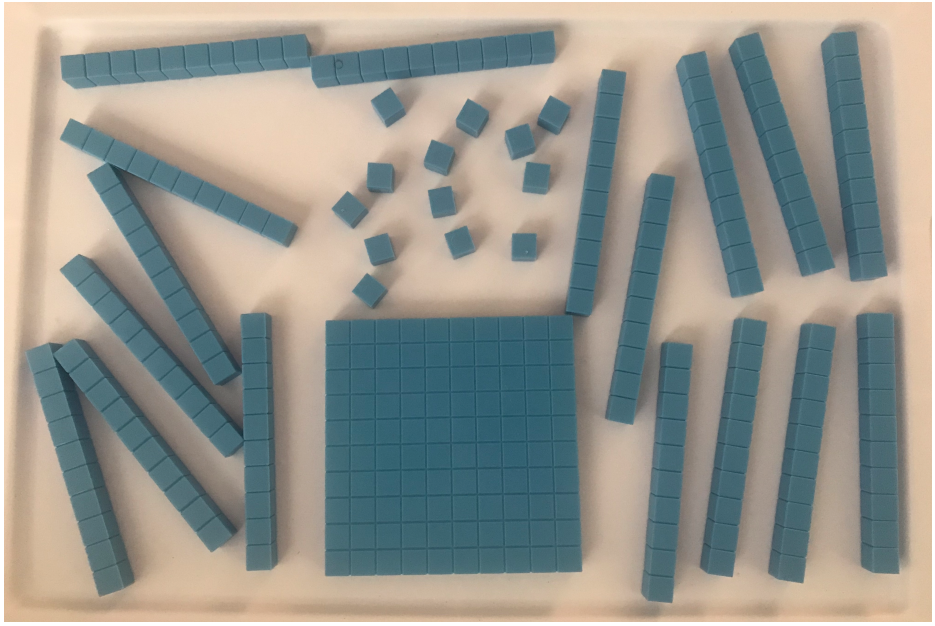
Mai's blocks



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?