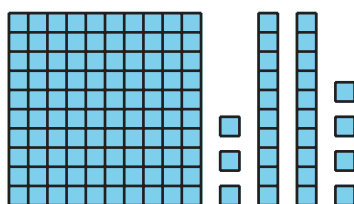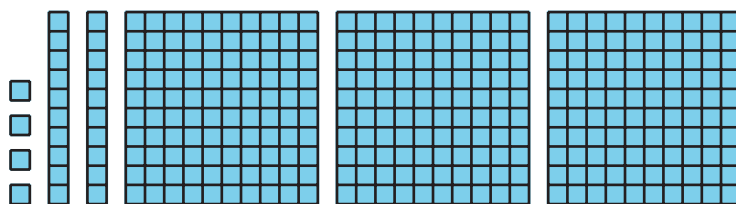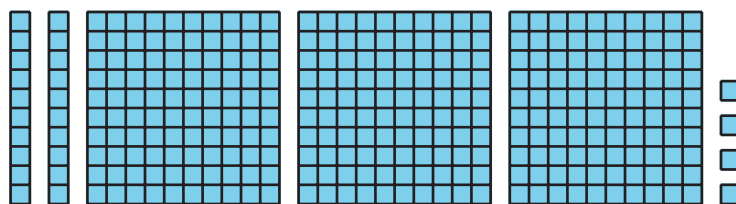# Lesson 4: Write Three-digit Numbers

- Let's represent three-digit numbers using base-ten numerals.

Warm-up: How Many Do You See: Blocks

How many do you see and how do you see them?

4.1: Place Value Riddles

Solve each riddle and write the three-digit number. Use the table to help you organize the digits.

riddle	hundreds	tens	ones	three-digit number
1				
2				
3				
4				
5				
6				

1. I have 2 ones, 7 tens, and 6 hundreds.

2. I have 3 ones, 5 tens, and 2 hundreds.

3. I have 7 hundreds, 5 ones, and 3 tens.

4. I have 5 hundreds, no tens, and 9 ones.

5. I have 4 ones, 6 tens, and 3 hundreds.

6. I have 8 tens, 1 hundred, and no ones.

4.2: Mixed-up Digits

Find the number that makes each equation true. Use base-ten blocks or diagrams if they help.

1. 4 hundreds + 6 tens + 2 ones = _____

2. 7 ones + 2 hundreds + 6 tens = _____

3. 3 tens + 5 hundreds = _____

4. 325 = _____ hundreds + _____ ones + _____ tens

5. 70 + 300 + 2 = _____

6. 836 = 6 + 800 + _____

7. Clare and Elena worked to find the number that makes the equation true:

7 ones + 3 hundreds = _____.

They wrote different answers.

- Clare wrote 7 ones + 3 hundreds = 37.

- Elena wrote 7 ones + 3 hundreds = 307.

Who do you agree with? Explain.

_____

_____

_____