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Unit 5, Lesson 4

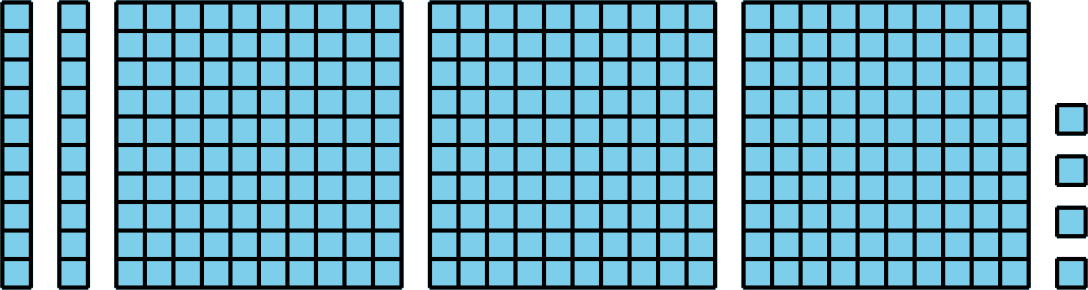
# Write 3-Digit Numbers

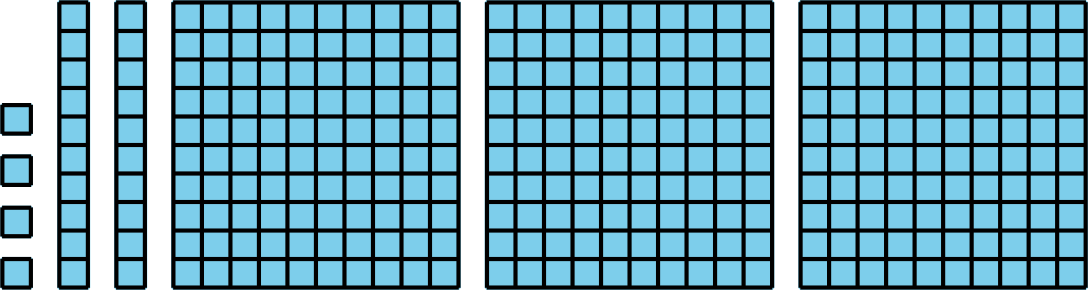
* Let’s represent 3-digit numbers using base-ten numerals.

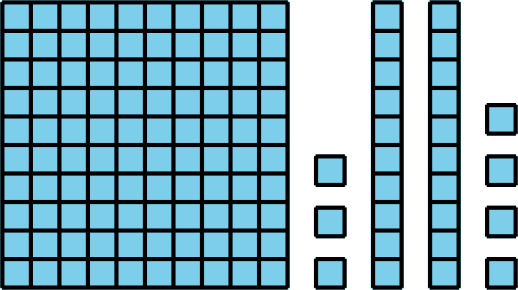
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## Warm-up How Many Do You See: Blocks

How many do you see? How do you see them?







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## Activity 1 Place Value Riddles

Solve each riddle. Write the 3-digit number. Use the table to organize the digits.

| riddle | hundreds | tens | ones | 3-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.

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## Activity 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 try 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 is correct? Explain how you know.