



# How Much Is 10,000?

Let's represent 10,000.

Warm-up

## What Do You Know about 1,000?

What do you know about 1,000?



## Activity 1

### Build Numbers

1. Use 2 cards to make a two-digit number. Name the number and build it with base-ten blocks.

2. Use a third card to make a three-digit number. Name the number and build it with base-ten blocks.

3. Use a fourth card to make a four-digit number. Name the number and build it.

If you don't have enough blocks, describe what you would need to build the number.

4. Your teacher will give you 1 more digit card. Use the last card from your teacher to make a five-digit number. Make the card the first digit. Name the number and build it.

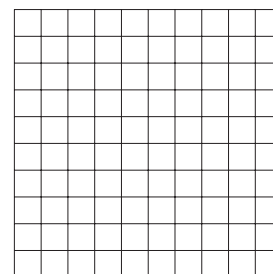
If you don't have enough blocks, describe what blocks you would need to build the number.



## Activity 2

### What Is 10,000?

Your teacher will give you a set of 10-by-10 grids.



1. Use the grids to represent each of the following numbers. Then describe or draw a sketch of your representation.

a. 800

b. 1,000

c. 1,500

d. 2,000



2. How many 10-by-10 grids would you need to represent each of the following numbers? Explain or draw a sketch to show your reasoning.
- a. 3,000
  - b. 6,400
  - c. 9,000
  - d. 9,900
3. Draw a sketch to represent 10,000 using 10-by-10 grids. Be sure to clearly label each group of 1,000 in the sketch.

