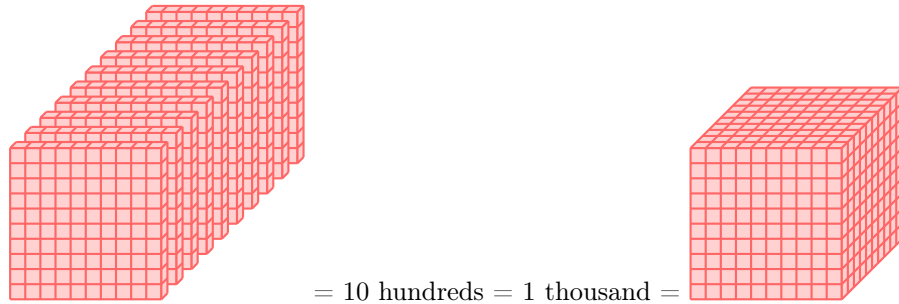


4-DIGIT NUMBERS

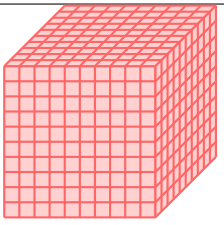
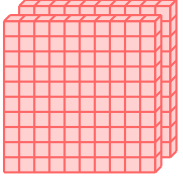
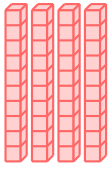

A BUILDING NUMBERS

Discover: From Hundreds to Thousands We already know how to group ones into tens, and tens into hundreds. To build even bigger numbers, we follow the same pattern!

- We group 10 hundreds together to make **1 thousand**:



Now our place value table needs a new column for thousands. This helps us organize and read large numbers.

Thousands	Hundreds	Tens	Ones
1	2	4	3
			

This table shows we have **1 thousand**, **2 hundreds**, **4 tens**, and **3 ones**. This makes the number 1 243.

Definition 4-Digit Number

In the base-10 system, the place of a digit tells us its value. We can show a number like 1 243 in many different ways:

- **With digits:**

1 243

- **In expanded form:**

1 thousand + 2 hundreds + 4 tens + 3 ones
1 000+ 200+ 40+ 3

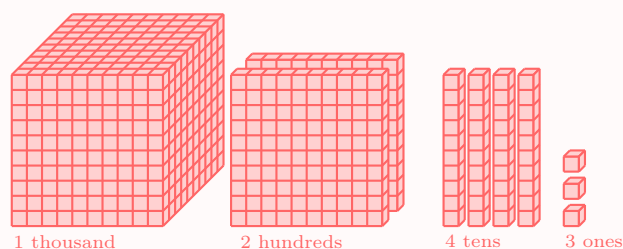
- **With words:**

one thousand two hundred forty-three

- **In a place value table:**

Thousands	Hundreds	Tens	Ones
1	2	4	3

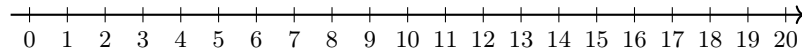
- **With blocks:**



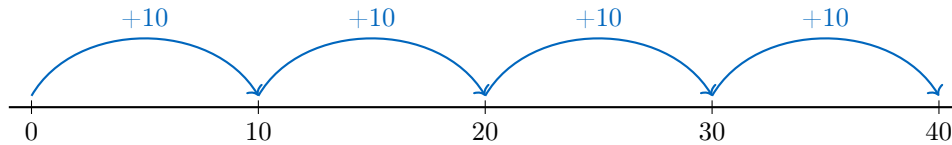
B ON THE NUMBER LINE

Discover:

- A number line shows numbers in order, like a long ruler. The numbers get bigger as we move to the right.



- To count big numbers faster, we can take big jumps of 10! This is called **counting by tens**. We say: "ten, twenty, thirty..."



Definition Number Line

A **number line** is a line that shows numbers in order from smallest to largest. The distance between each number is always the same.

