## Lesson 7: Numbers Within 100,000

* Let’s read, write, and represent multi-digit numbers.

### 7.1: Count and Write Numbers

Record each count in the given spaces. The first number has been recorded for you.

1. Count by 1,000

* 5,000 , \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Count by 100

* 9,500 , \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Count by 10

* 9,950 , \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Count by 1

* 9,995, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete each statement:
   1. Ten-thousand is 1 more than \_\_\_\_\_\_\_\_\_\_\_\_\_.
   2. Ten-thousand is 1,000 more than \_\_\_\_\_\_\_\_\_\_\_\_\_.
   3. Ten-thousand is 10 more than \_\_\_\_\_\_\_\_\_\_\_\_\_.
   4. Ten-thousand is 100 more than \_\_\_\_\_\_\_\_\_\_\_\_\_.

### 7.2: Many Thousands

1. Complete the table to show how many thousands are in each number. In the last row, write your own five-digit number.

| * number | * number of thousands | * name in words |  |
| --- | --- | --- | --- |
| * 10,000 | * 10 | * ten thousand |  |
| * 20,000 |  |  |  |
| * 90,000 |  |  |  |
| * 11,000 |  |  |  |
| * 27,000 |  |  |  |
| * 98,000 |  |  |  |
|  |  |  |  |

1. With your partner, name each number in words. (Leave the last column blank for now.)
2. In the top (header) row of the last column, write “number of ten-thousands”. Complete the table to show how many ten-thousands are in each number.
3. Here are four numbers:

* 20,500
* 51,300
* 82,050
* 5,970
  1. Which number has a 5 in the thousands place?
  2. Which number has a 5 in the ten-thousands place?



© CC BY 2021 Illustrative Mathematics®