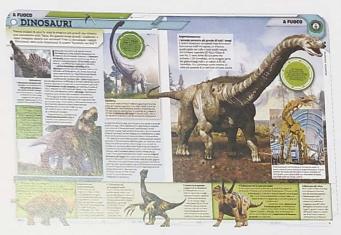
## 1.1. Exploring Large Numbers

The world's all-time best-selling copyright book is Guinness World Records.

From October 1955 to June 2002, 94 767 083 copies were sold.

Suppose the number is written in this place-value chart. Where will the digits 9 and 4 appear?



Hundred Millions	Ten Millions	Millions	Hundred Ten Thousands Thousands	housands Hundreds	Tens	Ones
						}

- These patterns in the place-value system may help you read and write large whole numbers.
  - From right to left, each group of 3 place values is called a period.
  - Within each period, the digits of a number are read as hundreds, tens, and ones.
  - Each position represents ten times as many as the position to its right, for example, 2 hundreds = 20 tens and 4 ten thousands = 40 thousands.

This place-value chart shows the number of items in the world's largest collection of matchbook covers, 3 159 119.

Millions Period			Thousands Period			Units Period		
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
		3	1	5	9	1	1	9
		1	<u>†</u>	<u>†</u>	<u>†</u>	<u> </u>	<u> </u>	1
		3 000 000	100 000	50 000	9000	100	10	9

We read this number as:

three million one hundred fifty-nine thousand one hundred nineteen.

