

UNDERSTANDING VALUE

Our number system has only **ten digits**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 0.

The **place** of a digit in a number tells you its **value**.

Place value charts show the place and value of each digit.

Thousands	Hundreds	Tens	Ones
1	1	1	1

This 1 is
worth **1000**

This 1 is
worth **100**

This 1 is
worth **10**

This 1 is
worth **1**

1 What value does each 6 have in this place value chart?

Thousands	Hundreds	Tens	Ones
6	6	6	6

a

b

c

d

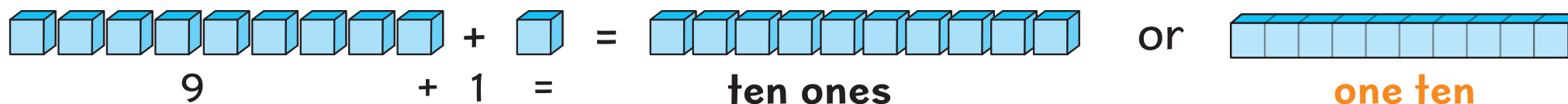
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The highest digit in any place is 9.

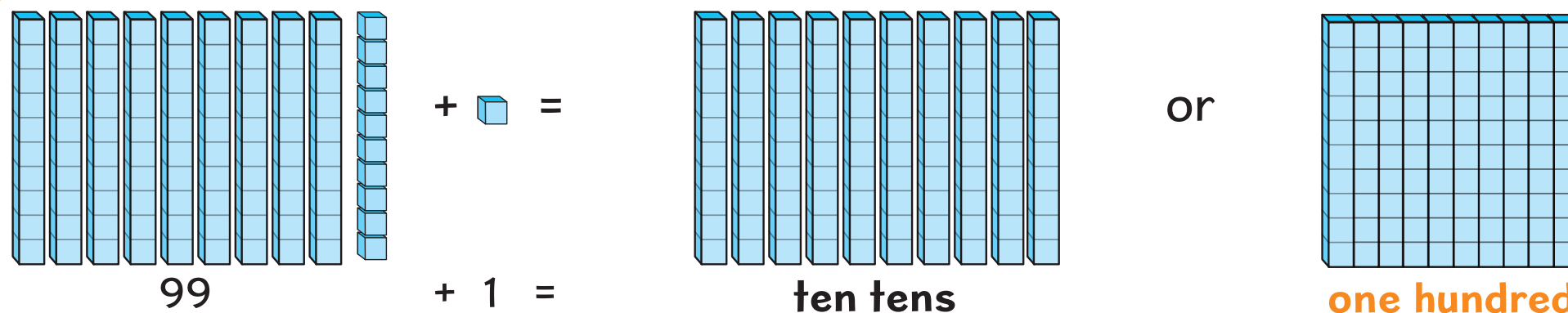
If you add one more to 9, the number now has the same value as **one ten**.



For example $9 + 1 = 10$



For example $99 + 1 = 100$



1 Show $999 + 1$ with place value equipment.

2 Finish this number sentence. $999 + 1 = \underline{\hspace{2cm}}$