Look Back

In 452, which <u>place value</u> is the digit 5 in? **in the tens place**

Which digit is in the ones <u>place</u>? **2**

How do you know?

452 is 4 hundreds 5 tens 2 ones. 5 is in the tens place and 2 is in the ones place.

4 **Hundreds**

5 **tens**

2 **ones**
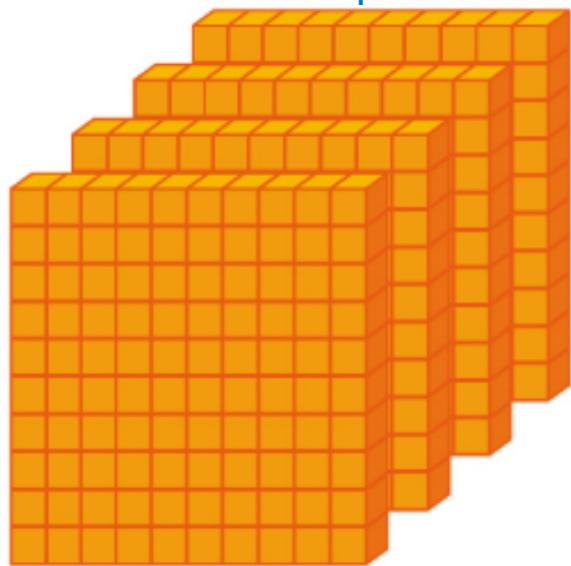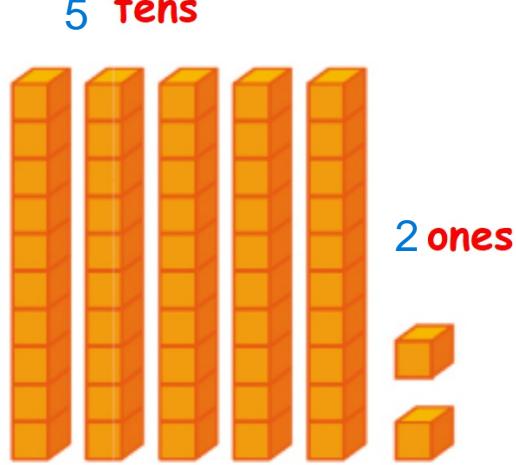
value:　　400　　　　　　　　　　50　　　　　2

Thinking Cap

How can you classify the digits according to their place values?

	100s	10s	1s
place	4	5	2
value	400	50	2

17

We can use a place-value chart. The digit 4 is in the 100s place, the digit 5 is in the 10s place, and the digit 2 is in the 1s place.

678 can be written as 6 hundreds 7 tens 8 ones

The **digit** 6 is in the hundreds place.

The digit 7 is in the __tens__ place.

The digit __8__ is in the ones place.

The value of the digit 6 is 600.

The value of the digit 7 is __70__.

The value of the digit __8__ is 8.

The digit 0 is important. 308 is not the same as 38.

Ralph says 380 is the same as 38. Is he correct? Why or why not?

No. 380 is 3 hundreds 8 tens and 0 ones while 38 is 3 tens and eight ones.
The digit 0 acts as a place holder.

Let's Practise

I Fill in the blanks.

a For 249, the digit in the hundreds place is __**2**__.

100s	10s	1s
2	4	9

b For 102, the digit 0 is in the __**tens**__ place.

100s	10s	1s
1	0	2

c For 283, the digit in the hundreds place is __**2**__.

H	T	O
2	8	3
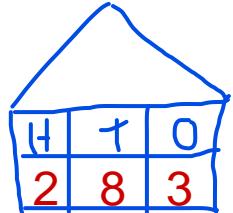
2 Circle the correct answer.

What is 6 hundreds and 4 ones in numbers?

64   (604)   640

H	T	O
6	0	4
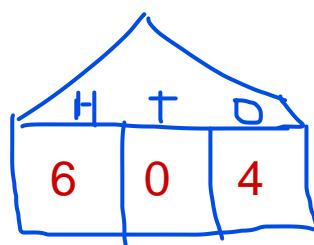
3 Izzy needs a 3-digit number to open a lock.

- The digit in the hundreds place is 4 more than the digit in the ones place.
- The digit in the tens place is 5 less than the sum of the digits in the hundreds place and ones place.
- The digit in the hundreds place is less than 6.

addition

What is the number? How do you find it? ___ ___ ___

H   T   O

If the digit in the hundreds place = 5
Digit in the ones place = 5 – 4 = 1
Sum of digits in the hundreds and ones place = 5 + 1 = 6
Digit in the tens place = 6 – 5 = 1

The passcode is 511