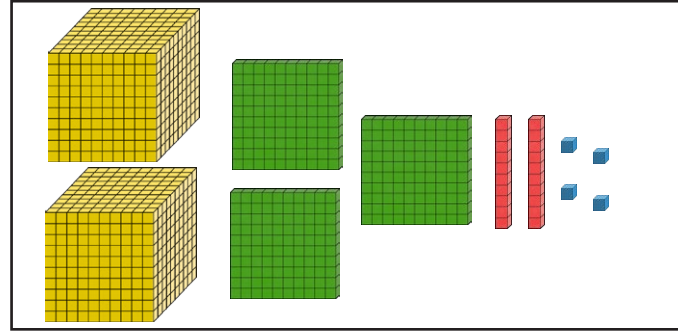


# Place Value in 4-Digit Numbers


Complete the sentences for each representation.

- 1) There are \_\_\_\_\_ thousands, \_\_\_\_\_ hundreds, \_\_\_\_\_ tens and \_\_\_\_\_ ones.  
The number is \_\_\_\_\_.

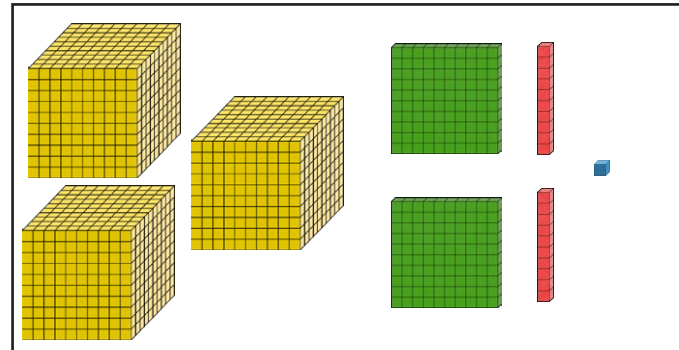


- 2) There are \_\_\_\_\_ thousands, \_\_\_\_\_ hundreds, \_\_\_\_\_ tens and \_\_\_\_\_ ones.  
The number is \_\_\_\_\_.

Th	H	T	O
1000, 1000	100, 100, 100	10, 10	1, 1

- 3)  This is my number represented in base ten.

Abi



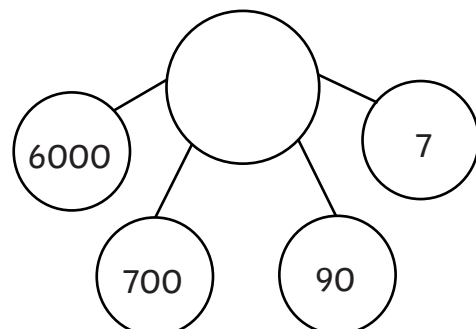
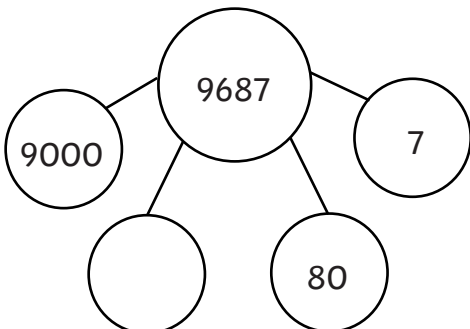
Which of these is Abi's number?

3221

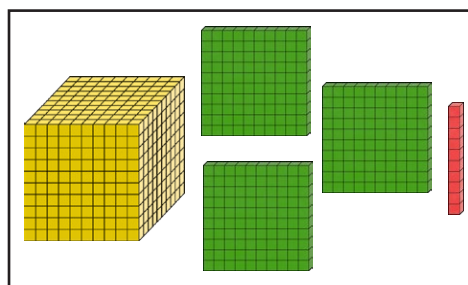
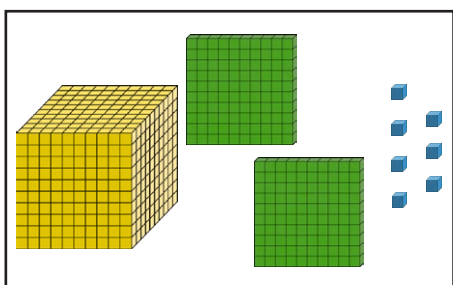
3431

3521

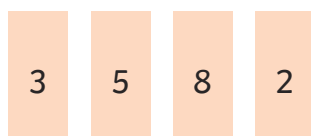
- 4) Fill in the missing numbers on the part-whole models.



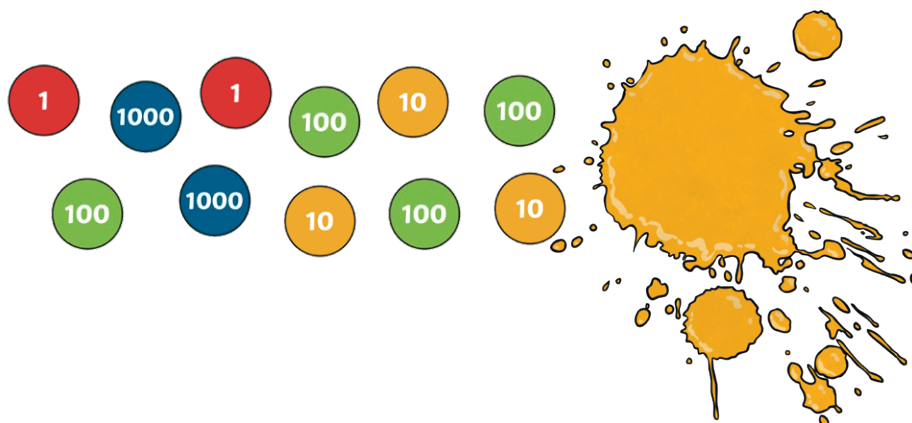
5) Write these representations in numerals.



6) Using the digit cards, create as many 4-digit numbers as possible between 3200 and 3900. Then, write them in ascending order.



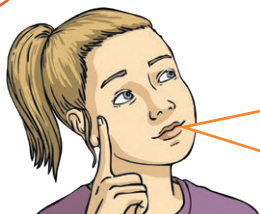
7) Elena has represented the number 3782 using place value counters. Some of her counters have been covered up. What could they be?



8) Complete the place value chart so that it shows the number 5903.

Th	H	T	O
1000 1000	100 100		
1000	100 100		

9) Emily has represented the number 8554 using place value counters.



If I add two more 100 counters, I will have represented the number 8574.

Emily

Th	H	T	O
1000 1000	100 100	10 10	1 1
1000 1000	100 100	10 10	1 1
1000 1000	100	10	
1000 1000			

Do you agree with Emily's statement? Explain why.

10) What numbers have Elena and Drew represented? What is the same about their numbers? What is different?

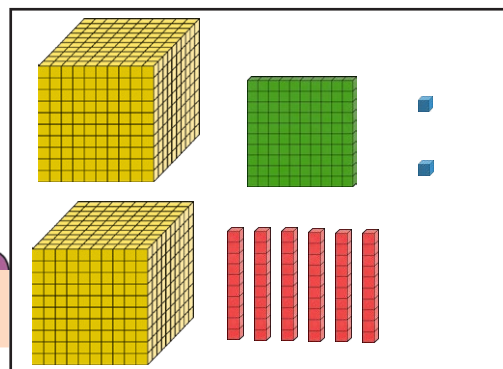


Elena

Th	H	T	O
1000 1000	100	10 10	1 1
1000		10	1 1



Drew



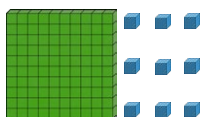
Elena's number is \_\_\_\_\_.

Drew's number is \_\_\_\_\_.

Same:

Different:

11) Amrit has represented the number 1009 using base ten. Explain the mistake she has made.




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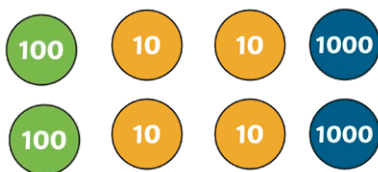


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12) Drew has these place value counters.



Drew

What 4-digit numbers can they make using only these counters?