

Represent Numbers to 10 000



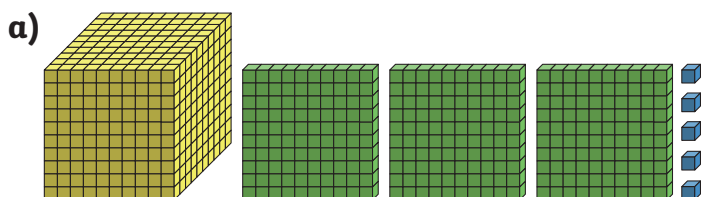
- 1) Complete the sentences to show the number represented by the place value counters.



There are _____ thousands, _____ hundreds, _____ tens and _____ ones.

The number is _____.

- 2) What number is represented by each image? Write each answer in words and numerals.





c)

Th	H	T	O

- 3) Identify the number each child is describing and draw a representation of it.

a)

Elena

I have 8 thousands, 2 hundreds, 6 tens and 8 ones.

b)

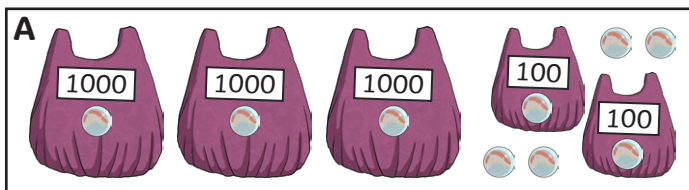
Priya

I have 5 thousands, 9 hundreds and 7 ones.

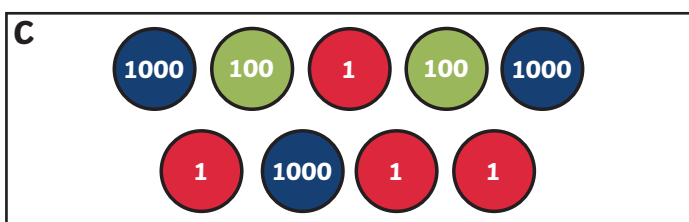
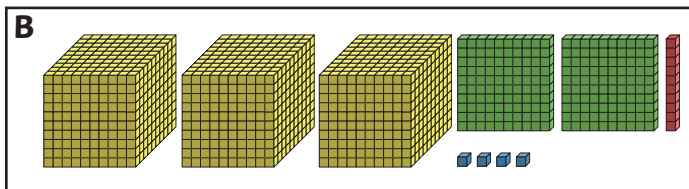


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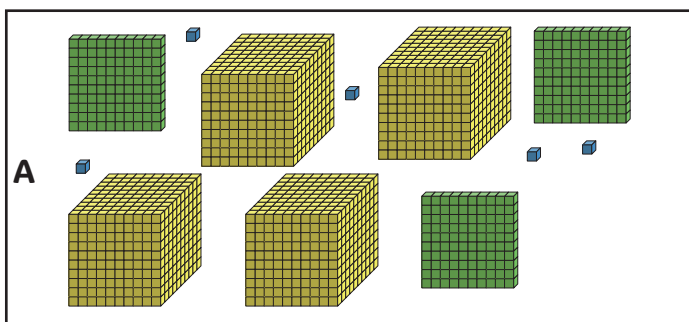
1) Is Felix correct? Explain why.



I think only one of these images represents 3204.



2) Do you agree with Elena? Explain why.



I think image A represents the smaller number because it has no tens.

B

Th	H	T	O
● ● ● ●	● ●	● ● ● ● ● ● ●	● ●

3) Priya has circled 7000, 500, 90 and 8 on a Gattegno chart. Is she correct? Explain your reasoning.



The numbers I have circled represent 5789.



Represent Numbers to 10 000



- 1)
a) What are all the possible 4-digit numbers that can be made using some or all of the counters below?



- b) Draw base ten to represent the second-greatest number.

- 2) Use the clues to identify the 4-digit number.

The tens digit is odd and greater than 7.

It has an even number of thousands.

The hundreds digit is one-third of the size of the tens digit.

It has an even amount of ones.

The ones digit is greater than 2 and is half of the size of the thousands digit.

- 3) Elena has made a 4-digit number using 1000, 100, 10 and 1 place value counters. Use the clues to work out what her number could be. Find all possibilities.



I have used 13 counters.

The thousands digit is 2 more than the hundreds digit.

The tens digit is 5 less than the ones digit.

