

## Represent Numbers to 10 000



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

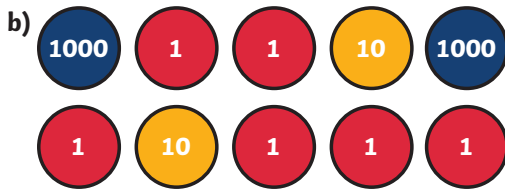
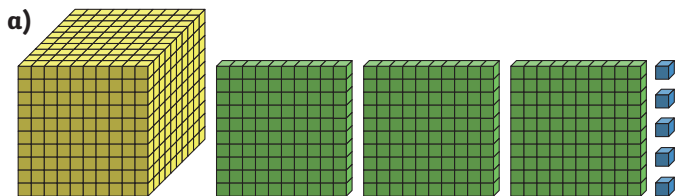


There are \_\_\_\_\_ thousands, \_\_\_\_\_ hundreds, \_\_\_\_\_ tens and \_\_\_\_\_ ones.

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.



## Represent Numbers to 10 000



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

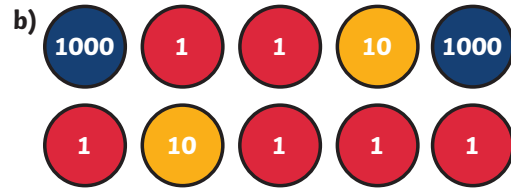
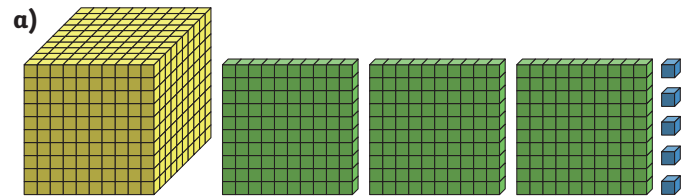


There are \_\_\_\_\_ thousands, \_\_\_\_\_ hundreds, \_\_\_\_\_ tens and \_\_\_\_\_ ones.

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.



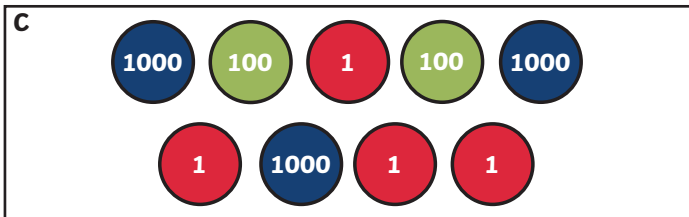
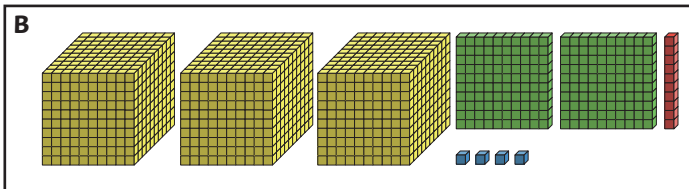
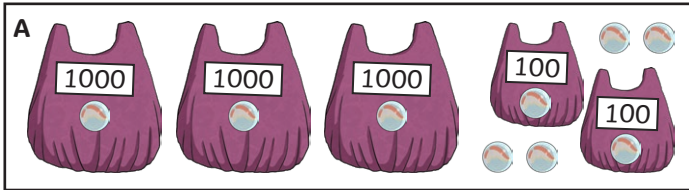
## Represent Numbers to 10 000



1) Is Felix correct? Explain why.



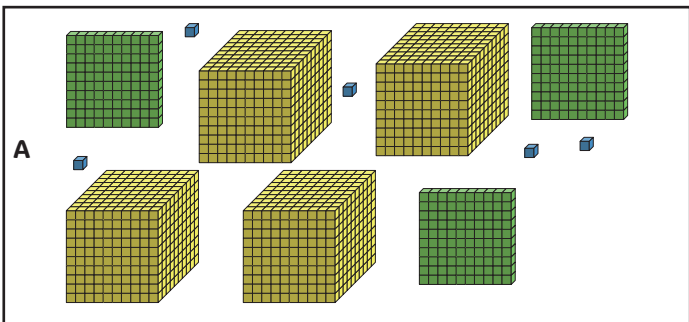
I think only one of these images represents 3204.



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.



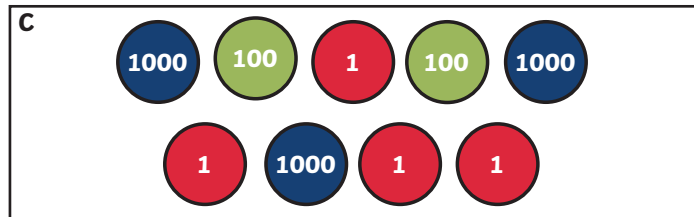
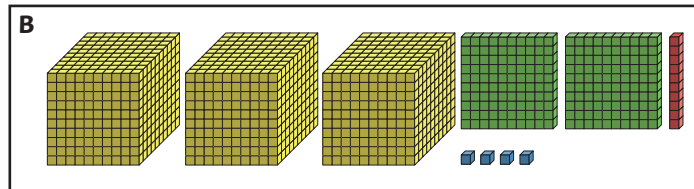
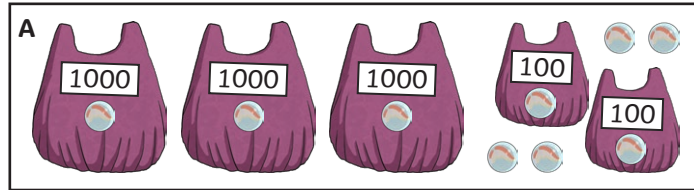
## Represent Numbers to 10 000



1) Is Felix correct? Explain why.



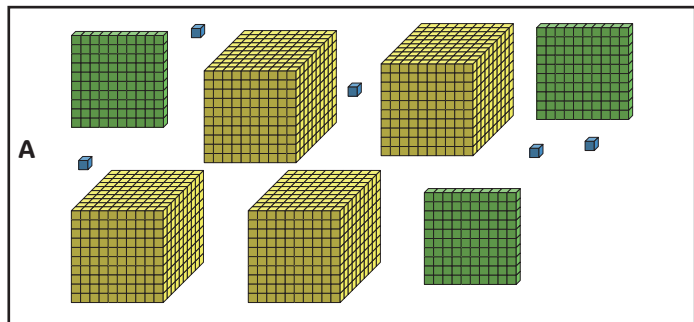
I think only one of these images represents 3204.



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.



Elena

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.



## 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.



Elena

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.

