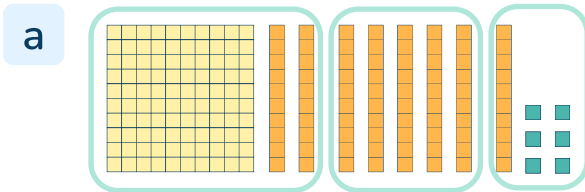
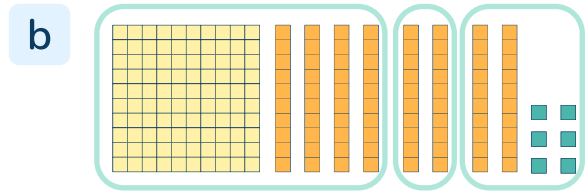


To know how to partition numbers to 1,000 in different ways

1 Complete the number sentence to show how each number has been partitioned.

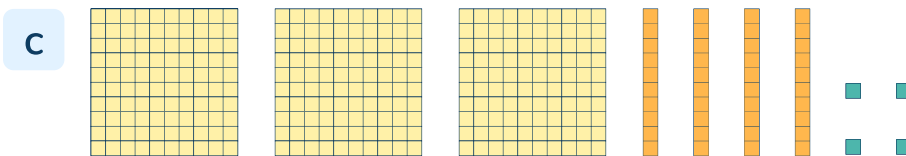


..... = + +

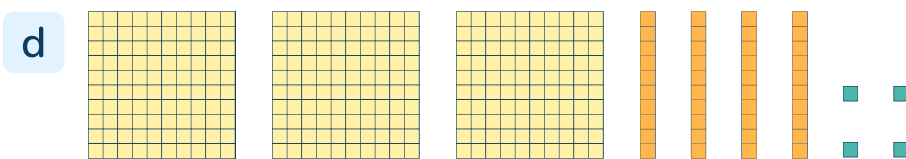


..... = + + +

Group the base 10 equipment to match the number sentence.

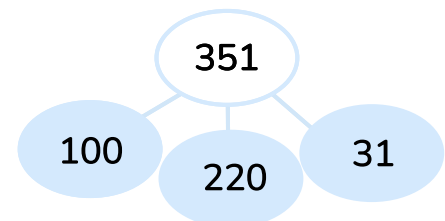
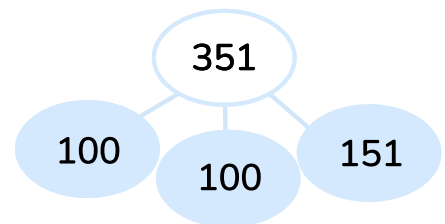
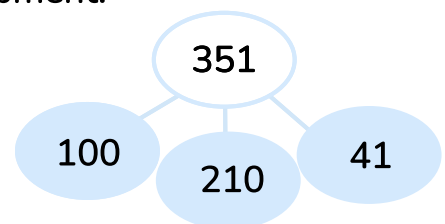
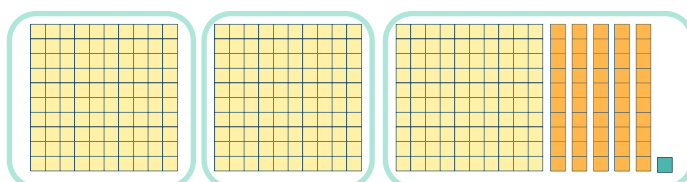
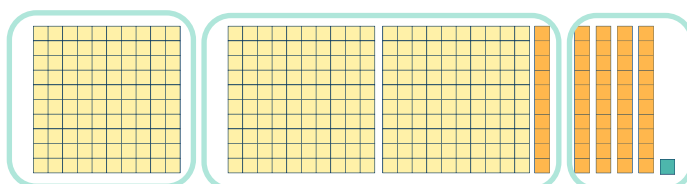
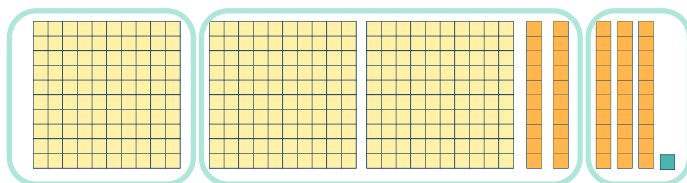


$$344 = 100 + 210 + 34$$



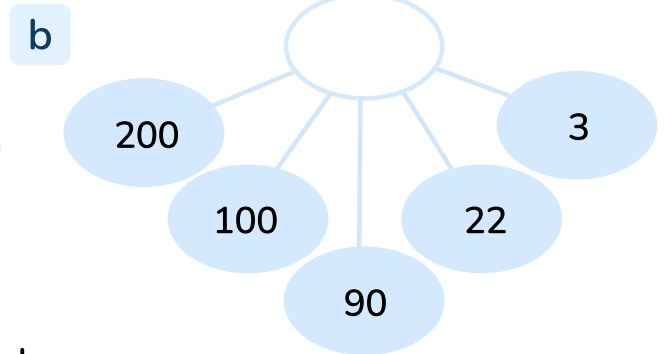
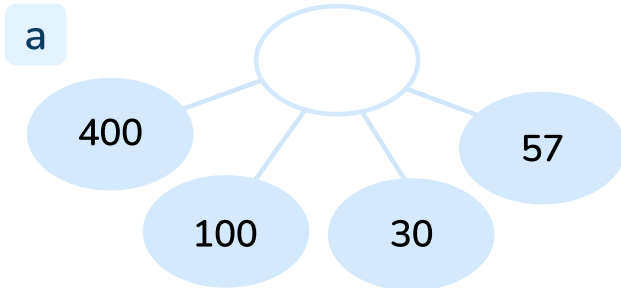
$$344 = 100 + 200 + 30 + 12 + 2$$

2 Match the part-whole model to the base 10 equipment.



To know how to partition numbers to 1,000 in different ways

3 What is the whole?



c The Mathling is thinking of a number.

Complete the number sentence to partition Mathling's number in a different way.

..... = + + +

My number can be partitioned into
2 hundreds, 12 tens and 19 ones.



To know how to partition numbers to 1,000 in different ways

Question Number	Question	Answer
1	a and b) Complete the number sentence to show how each number has been partitioned. c and d) Group the base 10 equipment to match the number sentence.	a) $186 = 120 + 50 + 16$ b) $186 = 140 + 20 + 26$ c) 3 groups as follows: 1 hundred + 2 hundreds and 1 ten + 3 tens and 4 ones d) 5 groups as follows: 1 hundred + 2 hundreds + 3 tens + 1 ten and 2 ones + 2 ones
2	Match the part-whole model to the base 10 equipment.	Top base 10 matched to bottom part-whole model Middle base 10 matched to top part-whole model Bottom base 10 matched to middle part-whole model
3	a and b) What is the whole? c) The Mathling is thinking of a number.	a) The whole is 587. $400 + 100 + 30 + 57 = 587$ b) The whole is 415. $200 + 100 + 90 + 22 + 5$ c) Mathling's number is 339. Various different partitions are possible, for example: $339 = 100 + 200 + 30 + 9$