1) Complete the addition calculations that are represented below.

a)

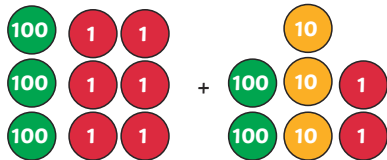| H	T	O

b)

H	T	O
100 100 100	10 10	1 1 1 1
100	10 10 10	1 1

2) Use column addition to calculate:

a) 445 + 324

b) one hundred and fifty-six add five hundred and forty-three

c) 100 1 1 / 100 1 1 / 100 1 1 + 10 / 100 10 1 / 100 10 1
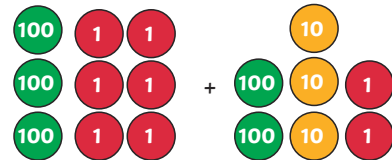
1) Jovan and Layla have both worked out the answer to 453 + 130. Here is their working out:

Jovan

	4	5	3	
+	1	3	0	
	4	6	6	0

Layla

		4	5	3
+		1	3	0
		5	8	3

Who is correct?

Explain the mistake made in the incorrect calculation.

2) a) Fill in the missing digits in this column addition calculation.

		7		6
+			2	3
		8	4	

b) Fill in the missing digits. How many different ways can you find of filling in this calculation?

		3		
+			4	6
		5	6	

1) Malia writes down the number 453.

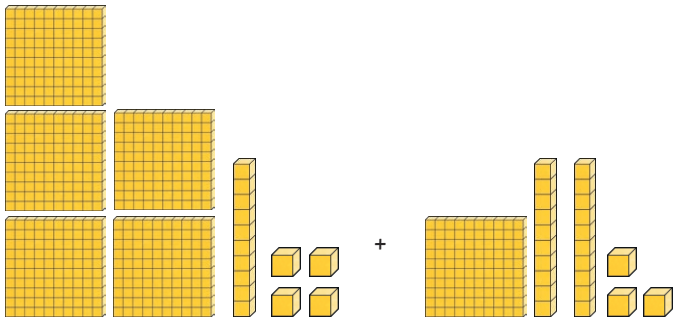She has the digit cards 3, 2 and 1.
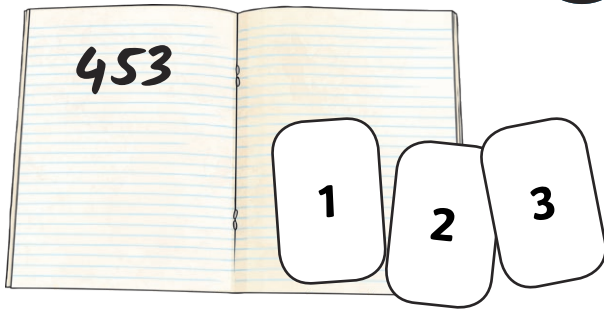
She uses her cards to make a 3-digit number. She adds that number to 453.

The total is 684.

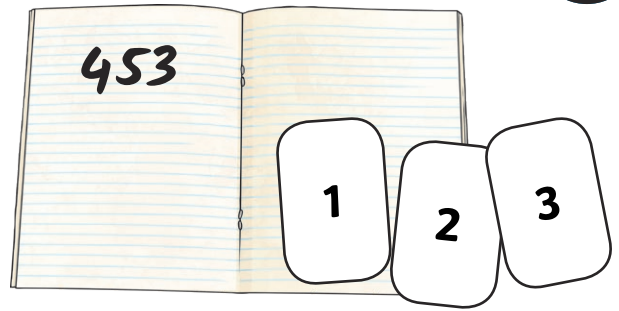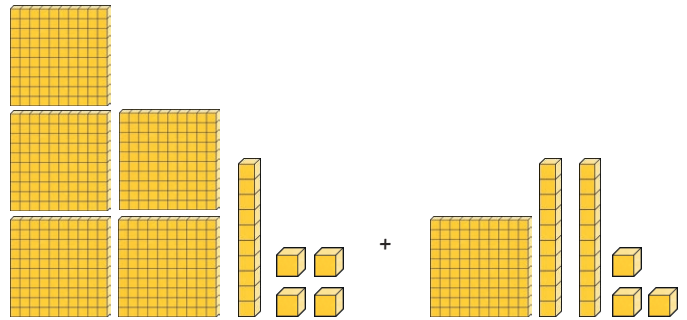What 3-digit number did she make with her digit cards?

2) Bo used some base ten to make an addition calculation with a total of 637.

Using the same base ten pieces that Bo has, how many different pairs of 3-digit numbers can you find that add together to total 637?

One of the numbers must have 5 hundreds.