Subtract 3-digit numbers from 3-digit numbers – no exchange

1 Complete the column subtractions.

a) 358 – 226

Hundreds	Tens	Ones

		H	T	O
		3	5	8
	–	2	2	6
		1	3	2

b) 726 – 303

H	T	O

		H	T	O
		7	2	6
	–	3	0	3
		4	2	3

2 Complete the subtractions.

a)

		H	T	O
		6	7	2
	–	4	7	1
		2	0	1

b)

		H	T	O
		5	6	3
	–	1	5	1
		4	1	2

3 Ron is working out 785 – 257

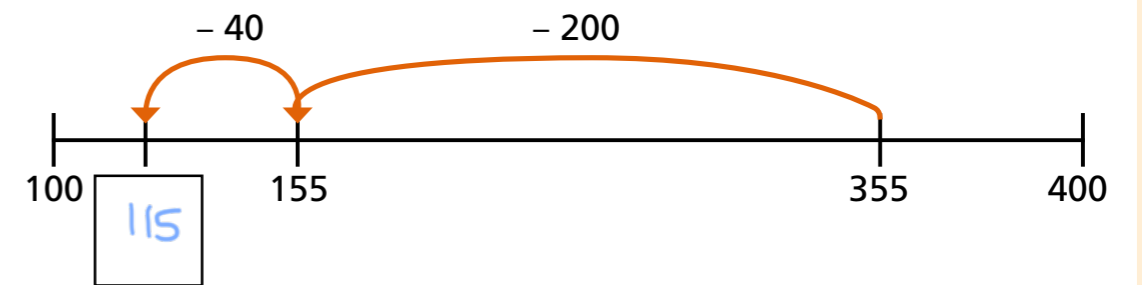|		H	T	O
		2	5	7
	–	7	8	5

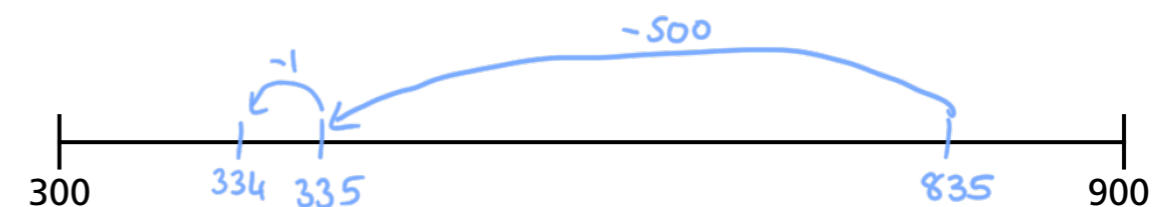Do you agree with the way Ron has set out the subtraction?

Why?

No – we are subtracting 257 from 785 so 785 should be on top

4 Use the number line to work out the subtraction.

a) 355 – 240 = 115

– 40   – 200

100   115   155   355   400

b) 835 – 501 = 334

~1   ~500

300   334 335   835   900

5 A TV costs £120 less than this computer.

How much does the TV cost?

£499

£379

6 There are 849 people at a concert.

There are 625 adults at the concert.

a) How many children are at the concert?

224

b) How many more adults than children are at the concert?

401

7 What are the values of each of the shapes?

a)

	6	★	8
−	★	△	△
	⬤	1	5

★ = 4

⬤ = 2

△ = 3

b)

	9	✚	◆
−	✚	4	⬠
	◆	⬠	◆

✚ = 4

◆ = 5

⬠ = 0

8 Complete the part-whole models.

a)

877

216   661

b)

988

310   415   263
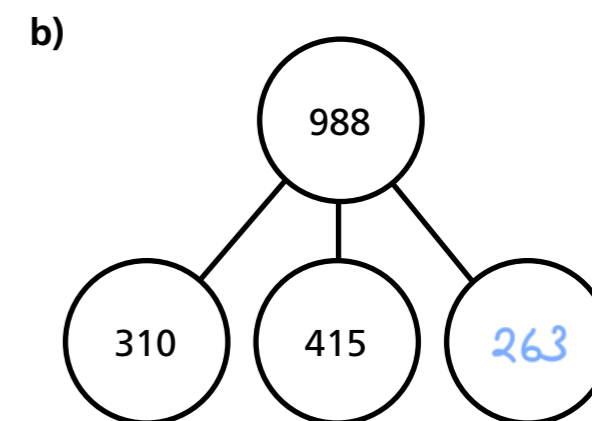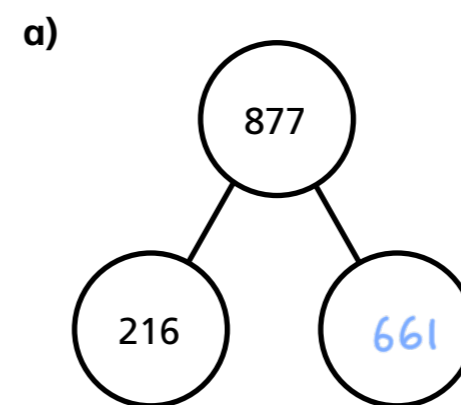
9 Eva is subtracting 727 from 1,000

First I subtract 1 from each number.

Then I subtract the two numbers.

So 1,000 − 727 is the same as 999 − 726 = 273
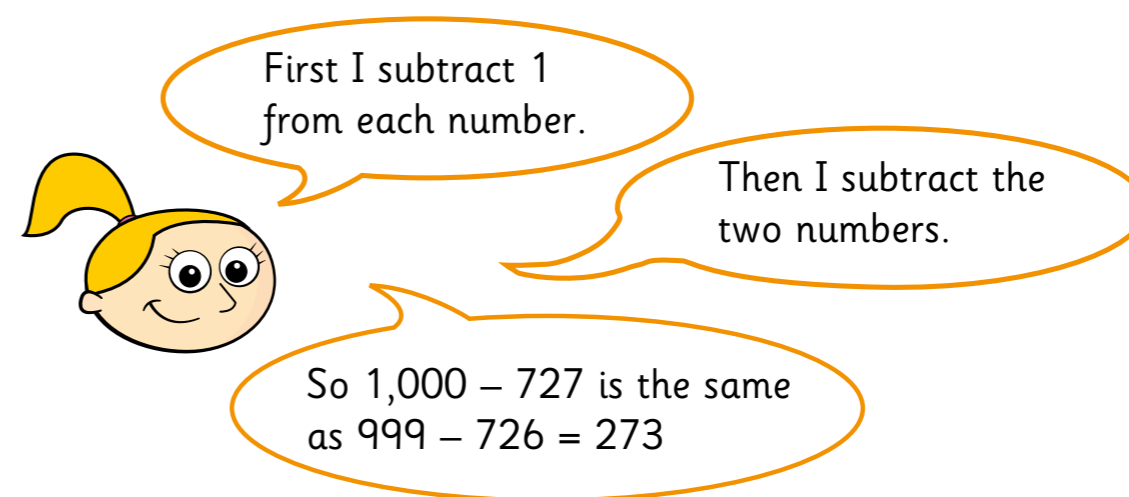
Why does Eva's method work?

Talk about it with a partner.

Use Eva's method to complete the subtractions.

1,000 − 285 = 715

1,000 − 188 = 812

800 − 636 = 364