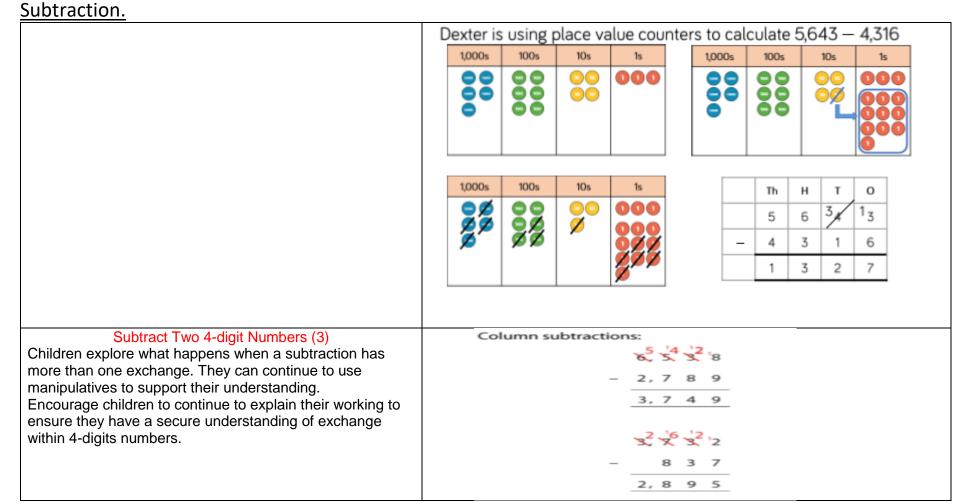
## Progression in Calculations. Y4 Subtraction.

### Year 4 Subtract Two 4-digit Numbers (1) Eva uses place value counters to calculate 3,454 — 1,224 Building on their experiences in Year 3, children use their knowledge of subtracting using the formal column method Th Н Т O to subtract two 4-digit numbers. 3 5 000 $\bigcirc \bigcirc \emptyset$ Children will focus on calculations with no exchanges, 2 concentrating on the value of each digit. 2 3 0 Subtract Two 4-digit Numbers (2) Children next explore subtractions where there is one exchange. They use place value counters to model the exchange and match this with the written column method.

## Progression in Calculations. Y4

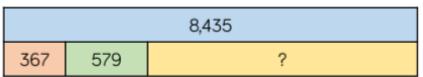


# Progression in Calculations. Y4 Subtraction.

A shop has 8,435 magazines.

367 are sold in the morning and 579 are sold in the afternoon.

How many magazines are left?



There are \_\_\_\_ magazines left.

Find the missing 4-digit number.

	Th	Н	Т	0
	?	?	?	?
+	4	6	7	8
	7	4	3	1

#### Efficient Subtraction

Children use their understanding of column subtraction and mental methods to find the most efficient methods of subtraction. They compare the different methods of subtraction and discuss whether they would partition, take away or find the difference.

Ron, Rosie and Dexter are calculating 7,000 - 3,582

Here are their methods:

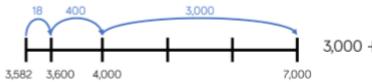
Ron

	Th	Н	Т	0
	6 <b>∦</b>	°9€	<b>Ø</b>	10
-	3	5	8	2
	3	4	1	8

Rosie

	Th	Н	Т	0
	6	9	9	9
-	3	5	8	1
	3	4	1	8

Dexter



3,000 + 400 + 18 = 3,418

Whose method is most efficient?
Use the different methods to calculate 4,000 – 2,831

Same difference:

Progression in Calculations. Y4
Subtraction.

*	
	1
	1
	1
	1