1 **a)** Use the column method to work out 704 − 696

	H	T	O
	7	0	4
−	6	9	6

b) Count on the number line to work out 704 − 696

695   696   697   698   699   700   701   702   703   704   705

c) Which method do you prefer?

Why?

2 Complete the subtractions by counting on.

a) 902 − 897   **b)** 1,902 − 1,894   **c)** 2,027 − 1,999

3 **a)** Use column subtraction to complete the calculations.

	H	T	O
	7	0	0
−	3	4	8

	Th	H	T	O
		6	0	0	0
−		2	1	4	5

What do you notice?

Rosie and Amir have calculated 700 − 348 using different methods.

b) **Rosie's method**

	H	T	O
	6	9	9
−	3	4	8
	3	5	1

351 + 1 = 352
so 700 − 348 = 352

Use Rosie's method to work out 6,000 − 2,145

c) **Amir's method**

	H	T	O
	7	0	0
−	3	4	8
	3	5	2

	H	T	O
	6	9	9
−	3	4	7
	3	5	2

d) Whose method do you prefer, Rosie's or Amir's?

4 Use the column method to work out the subtractions.

a) 500 − 341   **c)** £3,000 − £2,782

b) 1,000 − 729   **d)** 10,000 mm − 7,302 mm

b) Rosie's method

		H	T	O
		6	9	9
	−	3	4	8
		3	5	1

351 + 1 = 352

so 700 − 348 = 352

Use Rosie's method to work out 6,000 − 2,145

c) Amir's method

		H	T	O
		7	0	0
	−	3	4	8
		3	5	2

		H	T	O
		6	9	9
	−	3	4	7
		3	5	2

d) Whose method do you prefer, Rosie's or Amir's?

4 Use the column method to work out the subtractions.

a) 500 − 341

b) 1,000 − 729

c) £3,000 − £2,782
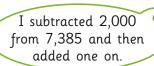
d) 10,000 mm − 7,302 mm

5 A theme park has 3,002 light bulbs.

1,785 of the light bulbs are blue.

How many bulbs are not blue?

Use a method where you subtract 3 from each number.

6 Eva is working out 7,385 − 1,999

7,385 − 2,000 = 5,385

7,385 − 1,999 = 5,386

I subtracted 2,000 from 7,385 and then added one on.

a) Explain why Eva's method works.

b) Explain a different method that Eva could have used.

The method should involve changing each number before subtracting.

c) Work out the subtractions mentally.

4,512 − 2,999

3,704 − 2,998

5,147 − 997