Subtract whole numbers with more than 4 digits (column method)

1 Complete the subtractions.

a)

	7	3	1	5	
–	2	1	0	4	

b)

	7	3	1	5	
–	5	4	2	0	

c)

	7	3	1	5	
–	3	2	4	1	

2 Complete the calculations.

a)

	8	4	3	4	
–	2	1	0	4	

b)

	£	8	8	2	0	0
–	£		6	1	0	0

c)

	4	6	8	3	2	
–	1	9	0	2	4	

d)

	3	4	5	2	0	
–			6	7	9	

3 A family has £22,658 in the bank.

They spend £3,600 on a holiday.

How much money do they have left?

4 It is 10,553 miles from London to Sydney.

It is 9,929 miles from New York to Sydney.

How much further away is Sydney from London than from New York?

5 Complete the models.

a)

b)

23,000		
12,365	4,017	

6 Mr Hall has written these subtractions on the board.

45,541 – 25,865

Rosie's workings

	2	5	8	6	5
–	4	5	5	4	1
	2	0	3	2	4

68,945 – 34,758

Whitney's workings

	6	8	9	4	5
–	3	4	7	5	8
	3	4	2	1	3

Explain the mistakes that Rosie and Whitney have made.

7 Complete the subtractions.

a) 10,004 – 9,995 **b)** 10,000 – 6,727 **c)** 15,923 – 9,998

How did you work this out?

Is there another method you could use?

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5 Complete the models.

a)

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23,000		
12,365	4,017	

6 Mr Hall has written these subtractions on the board.

45,541 – 25,865

Rosie's workings

$$\begin{array}{r} 25865 \\ -\ 45541 \\ \hline 20324 \end{array}$$

68,945 – 34,758

Whitney's workings

$$\begin{array}{r} 68945 \\ -\ 34758 \\ \hline 34213 \end{array}$$

Explain the mistakes that Rosie and Whitney have made.

7 Complete the subtractions.

a) 10,004 – 9,995 **b)** 10,000 – 6,727 **c)** 15,923 – 9,998

How did you work this out?

Is there another method you could use?

8 Teddy and Jack are playing a computer game.

Teddy scores 55,890 points.

Jack scores 36,475 points fewer than Teddy.

How many points does Jack score?

How many points do they have altogether?

9 Here are some digit cards.

1	5	8	9

Ron makes a 4-digit number with the cards.

Eva makes a 4-digit number with the cards.

The difference between their numbers is between 1,000 and 3,000

What numbers could Ron and Eva have made?

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