

Subtract whole numbers with more than four digits

1

Th	H	T	O
1,000 1,000	100 100	10	1 1
1,000 1,000	100		1 1
1,000 1,000			1
1,000			

Complete the subtractions.

a)

	7	3	1	5	
-	2	1	0	4	
<hr/>					
<hr/>					

c)

	7	3	1	5	
-	5	4	2	0	
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b)

	7	3	1	5	
-	3	2	4	1	
<hr/>					
<hr/>					

d)

	7	3	1	5	
-		8	4	2	
<hr/>					
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2 Complete the calculations.

a)

	8	4	3	4	
-	2	1	0	4	
<hr/>					
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b)

	£	8	8	2	0	0
-	£		6	1	0	0
<hr/>						
<hr/>						



c)

		4	6	8	3	2
-		1	9	0	2	4
<hr/>						
<hr/>						

d)

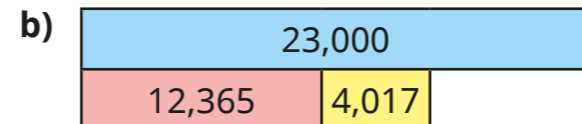
		3	4	5	2	0	g
-				6	7	9	g
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3 A family has £22,658 in the bank.
They spend £3,600 on a holiday.
How much money do they have left?

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?

 miles


5 Complete the models.



6 Mr Hall has written these subtractions on the board.

$$45,541 - 25,865$$

Rosie's workings

$$\begin{array}{r} 2\ 5\ 8\ 6\ 5 \\ -\ 4\ 5\ 5\ 4\ 1 \\ \hline 2\ 0\ 3\ 2\ 4 \end{array}$$

$$68,945 - 34,758$$

Amir's workings

$$\begin{array}{r} 6\ 8\ 9\ 4\ 5 \\ -\ 3\ 4\ 7\ 5\ 8 \\ \hline 3\ 4\ 2\ 1\ 3 \end{array}$$

Explain the mistakes that Rosie and Amir 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 out each subtraction?
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.

a) How many points does Jack score?

b) How many points do they have altogether?

9 Here are some digit cards.



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?
