

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

1 Complete the subtractions.

a) 

	7	3	1	5	
-	2	1	0	4	

c) 

	7	3	1	5	
-	3	2	4	1	

b) 

	7	3	1	5	
-	5	4	2	0	

2 Complete the calculations.

a) 

	8	4	3	4	
-	2	1	0	4	

c) 

	4	6	8	3	2
-	1	9	0	2	4

b) 

	£	8	8	2	0	0
-	£		6	1	0	0

d) 

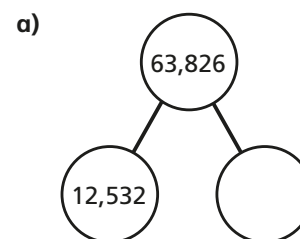
	3	4	5	2	0
-			6	7	9

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.



b) 

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?

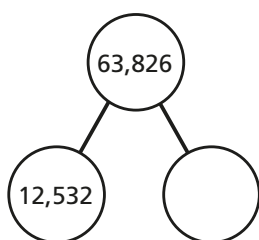
Is there another method you could use?



- 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**

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

$$68,945 - 34,758$$

**Whitney'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 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.



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?