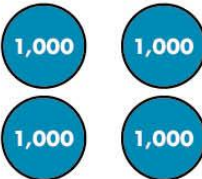
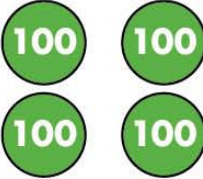

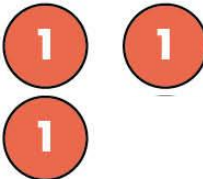


# Subtract two 4-digit numbers – no exchange

I Use the place value chart to work out  $4,413 - 2,201$

Th	H	T	O
			

$$4,413 - 2,201 = \boxed{\phantom{0000}}$$



Use the place value chart to work out  $4,413 - 2,201$

Th	H	T	O
<div><div>1,000</div><div>1,000</div><div><del>1,000</del></div><div><del>1,000</del></div></div>	<div><div><del>100</del></div><div><del>100</del></div><div>100</div><div>100</div></div>	<div><div>10</div></div>	<div><div>1</div><div>1</div><div><del>1</del></div></div>

$$4,413 - 2,201 = \boxed{\phantom{0000}}$$

What is our final answer?



Use the place value chart to work out  $4,413 - 2,201$

Th	H	T	O
<div><div>1,000</div><div>1,000</div><div><del>1,000</del></div><div><del>1,000</del></div></div>	<div><div><del>100</del></div><div><del>100</del></div><div>100</div><div>100</div></div>	<div><div>10</div></div>	<div><div>1</div><div>1</div><div><del>1</del></div></div>

$$4,413 - 2,201 = \boxed{2,212}$$

Did you get 2,212?

**I** Complete the calculation. Let's look at column subtraction.

	T	H	T	O
	4	4	1	3
-	2	2	0	1

$$4,413 - 2,201$$

What is the same about the representations?

What is different?



**I** Complete the calculation. Let's look at column subtraction.

	T	H	T	O
	4	4	1	3
-	2	2	0	1

Instead of using counters to represent the numbers, we've put them into columns. Both numbers are shown. The first larger number at the top and the smaller number below.

Can you work this out?



**I** Complete the calculation. Let's look at column subtraction.

	T	H	T	O
	4	4	1	3
-	2	2	0	1
	2	2	1	2

Did you put the numbers in the correct columns?





2 Use the place value charts to complete the calculations.

a)  $2,312 - 1,101$

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

	T	H	T	O
	2	3	1	2
-	1	1	0	1



2 Use the place value charts to complete the calculations.

a)  $2,312 - 1,101$

Th	H	T	O
<div>1,000</div> <div><del>1,000</del></div>	<div>100</div> <div>100</div> <div><del>100</del></div>	<div>10</div>	<div>1</div> <div><del>1</del></div>

	T	H	T	O
	2	3	1	2
-	1	1	0	1
	1	2	1	1



**2** b) Have a go at  $4,351 - 2,231$

Th	H	T	O
<div>1,000</div> <div>1,000</div> <div>1,000</div> <div>1,000</div>	<div>100</div> <div>100</div> <div>100</div>	<div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div>	<div>1</div>

	T	H	T	O
	4	3	5	1
-	2	2	3	1

2 b) Did you get  $4,351 - 2,231 = 2120$ ?

Th	H	T	O
<div>1,000</div> <div>1,000</div> <div><del>1,000</del></div> <div><del>1,000</del></div>	<div>100</div> <div><del>100</del></div> <div><del>100</del></div>	<div>10</div> <div>10</div> <div><del>10</del></div> <div><del>10</del></div> <div><del>10</del></div>	<div><del>1</del></div>

	T	H	T	O
	4	3	5	1
-	2	2	3	1
	2	1	2	0

2

c) Have a go at  $5,405 - 302$ .

You can use a place value counter chart or column subtraction.

2 c) Did you get  $5,405 - 302 = 5,103$ ?

Th	H	T	O
<div>1,000</div> <div>1,000</div> <div>1,000</div> <div>1,000</div> <div>1,000</div>	<div>100</div> <div>100</div> <div>100</div> <div>100</div>		<div>1</div> <div>1</div> <div>1</div> <div>1</div> <div>1</div>

	T	H	T	O
	5	4	0	5
-		3	0	2
	5	1	0	3

4 Bobby is calculating  $6,565 - 214$

	T	H	T	O
	6	5	6	5
-	2	1	4	
	4	4	2	0

Bobby says  $6,565 - 214 = 4420$

Do you agree with Bobby?

Explain your answer.



4 Bobby is calculating  $6,565 - 214$

	T	H	T	O
	6	5	6	5
-	2	1	4	
	4	4	2	0

Bobby says  $6,565 - 214 = 4420$

Do you agree with Bobby? **No**

Explain your answer.

**Bobby has made a mistake. He has put the 214 in the wrong columns. The 2 should be in the hundreds, 1 in the tens and 4 in the ones.**



7

Polly and Peter are playing a game.

Polly has 2,420 points.

Peter has 210 points fewer than Polly.

How many points does Peter have?

What do we need to do to work this out?

7

Polly and Peter are playing a game.

Polly has 2,420 points.

Peter has 210 points fewer than Polly.

How many points does Peter have?

To find out how many fewer points Peter has, we need to find the difference.

To find the difference we do a subtraction.

Can you write the subtraction we need to do?



7

Polly and Peter are playing a game.

Polly has 2,420 points.

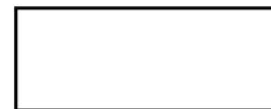
Peter has 210 points fewer than Polly.

How many points does Peter have?

Did you get  $2,420 - 210$ ?

Choose a method to work it out.

Use a place value counter chart or column subtraction.



7 Polly and Peter are playing a game.

Polly has 2,420 points.

Peter has 210 points fewer than Polly.

How many points does Peter have?

Did you get 2,210?

Th	H	T	O
1,000 1,000	100 100 <del>100 100</del>	10 <del>10</del>	

	T	H	T	O
	2	4	2	0
-		2	1	0
	2	2	1	0

2,210