

The background of the slide is a vibrant collage of various numbers (0-9) and mathematical symbols (plus, minus, multiplication, division) in different colors and sizes, creating a dynamic and educational atmosphere.

**TLHT use written subtraction**

Each Monday, maths will be uploaded to the website.

There will be a PowerPoint and 3 tasks for you to complete.

The Maths PowerPoint and tasks will be similar to how we do things when in school.

There will be an I do/ You do, Practice and Evidence tasks.

There are also Maths 5-A-Day on the website for you to complete – there are 5 in total.

Try to complete one 5-A-Day per day.

There are answers for all of the 5-A-Day, Practices and Evidence tasks.

Make sure you complete the tasks before looking at the answers!

When you check your answers and you can see you have made an error, try to work out where you went wrong as this will help you next time.

This week we are going to be looking at written subtraction.  
This is what we started when we were last in school together.  
Don't worry if you can't remember or found it tricky last time as we are going to go back to the beginning and do it together again.

If you have completed the practices and evidences already – do not worry, complete them again as this will help remind you of the correct method and also will give you some good practise at completing these calculations again.

Ok, let's get on with it!

Have fun and remember to go back to the start for reminders if you find something tricky.

# Glossary

- Subtract: to remove something
- Difference: how much more one number is to another number

Task 1:

Written  
subtraction  
with no  
exchange

We use the column method to work out written subtraction.

$$23 - 12 = 11$$

	T	O
	2	3
-	1	2
	<hr/>	<hr/>
	1	1
	<hr/>	<hr/>

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column ( $3 - 2 = 1$ )

Step 6: subtract the bottom number from the top number in the tens column ( $2 - 1 = 1$ )

Task 1:

Written  
subtraction  
with no  
exchange

I do:

$$56 - 24 =$$

Step 1

T O

Step 2

5 6

Step 4

Step 3

- 2 4

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column

Step 6: subtract the bottom number from the top number in the tens column

Task 1:

Written  
subtraction  
with no  
exchange

I do:

$$56 - 24 =$$

T O

5 6

- 2 4

2

Step 5  
6 - 4

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column

Step 6: subtract the bottom number from the top number in the tens column

Task 1:

Written  
subtraction  
with no  
exchange

I do:

$$56 - 24 =$$

T O

5 6

- 2 4

3 2

Step 6  
5 - 2



Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column

Step 6: subtract the bottom number from the top number in the tens column



Task 1:

Written subtraction with no exchange

Now complete the following questions.

If you have square tiles, please use that.

If you have squared paper please use that.

If not and you are able to print squared paper then there is some blank squared paper saved to the website.

If not, then just use blank paper.

$$39 - 26 =$$

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column

Step 6: subtract the bottom number from the top number in the tens column

Step 2: put the next number underneath (make sure they line up)

Step 2: put the next number underneath (make sure they line up)

Step 4: draw the take away sign

Step 4: draw the take away sign

Step 6: subtract the bottom number from the top number in the tens column

Step 6: subtract the bottom number from the top number in the tens column

Task 1:

Written  
subtraction  
with no  
exchange

We use the same method when we use 100s

$$289 - 134 =$$

	H	T	O
	2	8	9
—	1	3	4
	1	5	5

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column

Step 6: subtract the bottom number from the top number in the tens column

Step 7: subtract the bottom number from the top number in the hundreds column

Task 1:

Written  
subtraction  
with no  
exchange

Now complete this 'You do'  
following the steps as you go.

You do:

$$483 - 332 =$$

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 5: subtract the bottom number from the top number in the ones column

Step 6: subtract the bottom number from the top number in the tens column

Step 7: subtract the bottom number from the top number in the hundreds column

## Task 1:

Written  
subtraction  
with no  
exchange

# Now it's time to complete Task 1 Practice Tasks.

### Practice 1

	H	T	O
	1	2	5
-		1	4
<hr/>			
<hr/>			

### Practice 2

Solve these calculations by using the **formal written method** using squared paper if you can and following the steps on the slides.

1.  $274 - 52 =$
2.  $349 - 25 =$
3.  $882 - 350 =$
4.  $708 - 303 =$
5.  $995 - 425 =$

On the next slide are the answers.

Remember, complete the practices first and then if you get any incorrect have a look to see where you went wrong.  
Ask an adult to help you if you are unsure.

## Task 1:

Written  
subtraction  
with no  
exchange

# ANSWERS

30.3.20

T L H T use written subtraction.

Practice 1

$$\begin{array}{r} \text{H T O} \\ 125 \\ - 14 \\ \hline 111 \end{array}$$

Practice 2

$$\begin{array}{r} 1) \quad 274 \\ - 52 \\ \hline 222 \end{array}$$

$$\begin{array}{r} 2) \quad 349 \\ - 25 \\ \hline 324 \end{array}$$

$$\begin{array}{r} 3) \quad 882 \\ - 350 \\ \hline 532 \end{array}$$

$$\begin{array}{r} 4) \quad 708 \\ - 303 \\ \hline 405 \end{array}$$

$$\begin{array}{r} 5) \quad 995 \\ - 425 \\ \hline 570 \end{array}$$

Well done, you have now completed Maths Task 1



Remember to complete a 5-A-Day every day (Mon – Fri)  
and then complete Task 2 and 3 later this week.



The background of the slide is a vibrant collage of various numbers (0-9) in different colors and sizes, creating a busy, mathematical atmosphere. The numbers are scattered across the entire slide, with some appearing larger and more prominent than others.

TLHT use written subtraction

## Task 2







# Task 2:

Written subtraction with one exchange

I do:

$$32 - 5 =$$

Follow steps 1-4 the same as before

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

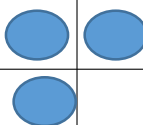
I do:

$$32 - 5 =$$

H

T

O



H T O

3 2

-

5

Step 6b:  
Draw place value discs into the tens column for the top number

Task 2:

Written subtraction with one exchange

Task 2:

Written subtraction with one exchange

[illegible]

Follow steps 1-4 the same as before

- Step 1: put the first number at the top
- Step 2: put the next number underneath (make sure they line up)
- Step 3: draw the equal sign
- Step 4: draw the take away sign

- Step 1: put the first number at the top
- Step 2: put the next number underneath (make sure they line up)
- Step 3: draw the equal sign
- Step 4: draw the take away sign

- Step 1: put the first number at the top
- Step 2: put the next number underneath (make sure they line up)
- Step 3: draw the equal sign
- Step 4: draw the take away sign

- Step 1: put the first number at the top
- Step 2: put the next number underneath (make sure they line up)
- Step 3: draw the equal sign
- Step 4: draw the take away sign




**First cross through one place value disc in the tens column.**

**Then cross through the number in the tens column.**

**Then count the remaining discs in the tens column and write the number in front of the 3.**

**Step 7a:**  
Ones column first  
but 2 – 5 can not be  
done.  
Exchange and  
rename from the  
tens column.

I do:  $32 - 5 =$

H	T	O
		
		

$\begin{array}{r} \text{H T O} \\ 32 \\ - 5 \\ \hline \end{array}$

## Task 2:

Written  
subtraction  
with one  
exchange

I do:

$$32 - 5 =$$

Follow steps 1-4 the same as before

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Next add 10 place value  
discs into the ones  
column.

Then place a small 1 in  
front of the number in  
the ones column.

Step 7b:  
Ones column first  
but  $2 - 5$  can not be  
done.  
Exchange and  
rename from the  
tens column.

I do:  $32 - 5 =$

H	T	O
	● ●	● ●
	●	● ● ●
		● ● ●
		● ● ●
		●

$^2 3 \ ^1 2$

$-$

$5$

# Task 2:

Written subtraction with one exchange

$$\text{I do: } 32 - 5 =$$

Follow steps 1-4 the same as before

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 7c:  
Now complete the subtraction in the ones column.  
12 - 5

I do:			32 - 5 =								
H	T	O				H	T	O			
	●	●		●	●						
	●			●	●						

Cross through 5 discs from the ones column.

Then count the remaining discs in the ones column.

Write the answer in the ones column of your written subtraction.

# Task 2:

Written subtraction with one exchange

$$\text{I do: } 32 - 5 =$$

Follow steps 1-4 the same as before

Step 1: put the first number at the top

Step 2: put the next number underneath (make sure they line up)

Step 3: draw the equal sign

Step 4: draw the take away sign

Step 8:  
Now complete the subtraction in the tens column.

I do:																			

2 - 0  
Count the remaining discs in the tens column.

Place the answer in the tens column.

## Task 2:

Written  
subtraction  
with one  
exchange

You do:								
2	4	-	7	=				

Follow the steps below and if you get stuck go back to the slides and steps on the I do.

**Step 1: put the first number at the top**

**Step 2: put the next number underneath (make sure they line up)**

**Step 3: draw the equal sign**

**Step 4: draw the take away sign**

**Step 5: draw out your HTO Place Value chart**

**Step 6a: draw place value discs into the ones column for the top number**

**Step 6b: draw place value discs into the tens column for the top number**

**Step 6c: draw place value discs into the hundreds column for the top number (if this is needed)**

**Step 7: complete subtraction in ones column first.**

**Exchange and rename from the tens column if needed.**

**Use your place value chart and whatever you do on the place value chart you MUST do on your written column method too.**

**Step 8:**

**Now complete the subtraction in the tens column**

Use sides  
19-21 to help  
you with  
step 7

Task 2:

Written  
subtraction  
with one  
exchange

Now it's time to complete Task 2  
Practice Tasks.



You can print this slide to complete or you can write out on squared paper.

Remember for EVERY calculation you need to draw out a place value chart and follow the steps on slide 23.

It is very important to show your exchange and rename on the written method as well as on your place value chart.

### Practice 3

Solve these calculations using the formal written method.

	H	T	O
		6	2
-			6
<hr/>			
<hr/>			

	H	T	O
		1	2
			4
-			5
<hr/>			
<hr/>			

	H	T	O
		2	2
			3
-		4	2
<hr/>			
<hr/>			

	H	T	O
	6	4	5
-		2	7
<hr/>			
<hr/>			

	H	T	O
	3	9	4
-	2	3	5
<hr/>			
<hr/>			

	H	T	O
	7	2	5
-	4	5	1
<hr/>			
<hr/>			

Task 2:

Written subtraction with one exchange

Task 2:

Written subtraction with one exchange

# ANSWERS

Practice 3

$$\begin{array}{r} \text{a)} \quad \text{H T O} \\ \quad \quad \text{5 6 2} \\ - \quad \quad \text{6} \\ \hline \quad \quad \text{5 6} \end{array}$$

$$\begin{array}{r} \text{b) } \begin{array}{r} \text{H T O} \\ 124 \\ - \quad 5 \\ \hline 119 \end{array} \end{array}$$

$$\begin{array}{r} 9 \text{ H T O} \\ 223 \\ - 42 \\ \hline 181 \end{array}$$

a)	H	T	O
		00	00
		00	00
		00	00
		<del>00</del>	<del>00</del>
			<del>00</del>
			<del>00</del>
			<del>00</del>

[illegible]

H	T	D
<del>0</del>	0 0	<del>0</del>
	0 0	
	0 0	
	<del>0</del> <del>0</del>	
	<del>0</del> <del>0</del>	

$$\begin{array}{r} \text{d)} \\ \begin{array}{r} \phantom{0} \text{H T O} \\ 6 \text{ } ^3\text{4} \text{ } ^5\text{5} \\ - \phantom{0} \phantom{0} \text{27} \\ \hline 6 \phantom{0} \text{18} \end{array} \end{array}$$

$$\begin{array}{r} \text{e)} \\ \begin{array}{r} \text{H T O} \\ 38 \text{ } 14 \\ - 235 \\ \hline 159 \end{array} \end{array}$$

f)

	H	T	O
6	7	2	5
-	4	5	1
	2	7	4

d)

H	T	O
0 0	0 0	0 0
0 0	<del>0 0</del>	0 0
0 0	<del>0 0</del>	0 0
		0 0
		0 0
		0 0
		0 0

e)

H	T	O
00 00	00 00 00 00 <del>00</del>	00 00 00 00 00 00 <del>00</del> <del>00</del>

H	T	O
<del>0000</del>	<del>0000</del>	<del>00</del>
<del>00</del>	<del>0000</del>	<del>00</del>

Well done, you have now completed Maths Task 2



Remember to complete a 5-A-Day every day (Mon – Fri)  
and then complete Task 3 later this week.

The background of the slide is a collage of various numbers (0-9) in different colors and sizes, some overlapping and some faded, creating a vibrant, abstract pattern. The numbers are scattered across the entire slide, with some appearing more prominently than others.

TLHT use written subtraction

## Task 3

Task 3:

Written  
subtraction  
with one  
exchange

Now it's time to complete Task 3  
Evidence Tasks.

Look back at slide 23 for a recap of  
the steps to complete written  
subtraction and then complete the  
evidence tasks.



# SLIDE 23

You do:									
	2	4	-	7	=				

Follow the steps below and if you get stuck go back to the slides and steps on the I do.

**Step 1: put the first number at the top**

**Step 2: put the next number underneath (make sure they line up)**

**Step 3: draw the equal sign**

**Step 4: draw the take away sign**

**Step 5: draw out your HTO Place Value chart**

**Step 6a: draw place value discs into the ones column for the top number**

**Step 6b: draw place value discs into the tens column for the top number**

**Step 6c: draw place value discs into the hundreds column for the top number (if this is needed)**

**Step 7: complete subtraction in ones column first.**

**Exchange and rename from the tens column if needed.**

**Use your place value chart and whatever you do on the place value chart you MUST do on your written column method too.**

**Step 8:**

**Now complete the subtraction in the tens column**

Use sides  
19-21 to help  
you with  
step 7

You can print this slide to complete or you can write out on squared paper.

Remember for EVERY calculation you need to draw out a place value chart and follow the steps on slide 23 OR 29.

It is very important to show your exchange and rename on the written method as well as on your place value chart.

## Evidence 1

Solve these subtractions using the formal written method.

	H	T	O
	6	2	1
-	3	4	0

	H	T	O
	4	4	4
-	1	3	5

	H	T	O
	8	6	2
-	4	1	8

	H	T	O
	7	1	1
-	4	0	2

	H	T	O
	9	1	5
-	8	0	6

	H	T	O
	8	1	1
-	4	0	4

## Evidence 2

Solve these subtraction calculations.

Write them out on squared paper if you have it. Remember to use a place value chart and to write it out following the correct written method.

Show your **Exchange and Rename** on the place value chart and on your written method too—this is very important.

Some exchange and rename is in the ones column and some is in the tens column – look carefully!

$$1) 274 - 82 =$$

$$2) 349 - 59 =$$

$$3) 882 - 391 =$$

$$4) 728 - 309 =$$

$$5) 887 - 697 =$$



### Task 3:

Written subtraction with one exchange

# ANSWERS

### Evidence 1

$$\begin{array}{r} \text{H T O} \\ 5621 \\ - 340 \\ \hline 281 \end{array}$$

$$\begin{array}{r} 470 \\ 434 \\ - 135 \\ \hline 309 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 8 \overset{5}{\cancel{6}} 2 \\ - 4 \ 1 \ 8 \\ \hline 4 \ 4 \ 4 \end{array}$$

[illegible]

H	T	O
00	<del>00</del>	00
0 <del>0</del>	<del>00</del>	0000
		0000
		0000
		0000

0	1	2
0000	0000	0000
0000	0000	0000
0000	0000	0000
0000	0000	0000

	4	7	0
	7	0	1
-	4	0	2
	3	0	9

$$\begin{array}{r} \text{HTO} \\ 9^{\text{th}} \times 15 \\ - 806 \\ \hline 109 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 8^{\circ} \times 1 \\ - 404 \\ \hline 407 \end{array}$$

H	T	O
0000	0	00000000

H	T	O
00	2	00
<del>01</del>		00
<del>02</del>		00
<del>03</del>		00
04		02
		<del>03</del>
		<del>04</del>

O	T	H
00000000	0	00000000

### Task 3:

Written subtraction with one exchange

# ANSWERS

## Evidence 2

$$\begin{array}{r} 1) \quad \text{HTO} \\ 1274 \\ - \quad 82 \\ \hline 192 \end{array}$$

$$\begin{array}{r} 2) \quad \text{HTO} \\ - \quad 2349 \\ \hline - \quad 59 \\ \hline 290 \end{array}$$

$$\begin{array}{r} 3) \quad \begin{array}{ccc} \text{H} & \text{T} & \text{O} \\ 78 & 82 & \\ - 39 & 1 & \\ \hline 49 & 1 & \end{array} \end{array}$$

[illegible][illegible][illegible]

$$\begin{array}{r} 4) \quad \begin{array}{r} \text{HTO} \\ 7128 \\ - 309 \\ \hline 419 \end{array} \end{array}$$

$$\begin{array}{r} 5) \quad \text{HT } 0 \\ \quad 8'87 \\ - \quad 697 \\ \hline \quad 190 \end{array}$$

1000	100	0
900	90	900
800	80	800
700	70	700
600	60	600
500	50	500
400	40	400
300	30	300
200	20	200
100	10	100
0	0	0

H	T	O
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
6	0	6
7	0	7
8	0	8
9	0	9
10	0	10
11	0	11
12	0	12
13	0	13
14	0	14
15	0	15
16	0	16
17	0	17
18	0	18
19	0	19
20	0	20
21	0	21
22	0	22
23	0	23
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25	0	25
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36	0	36
37	0	37
38	0	38
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40	0	40
41	0	41
42	0	42
43	0	43
44	0	44
45	0	45
46	0	46
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49	0	49
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87	0	87
88	0	88
89	0	89
90	0	90
91	0	91
92	0	92
93	0	93
94	0	94
95	0	95
96	0	96
97	0	97
98	0	98
99	0	99
100	0	100

Well done, you have now completed Maths Task 3



You will receive the next Maths tasks and Maths 5-A-Day  
on the website on 20.4.20

Until then keep practising your times tables on TT  
Rockstars and those of you with a Doodle Maths login,  
you can use that too.