

# RECALL

Solve these subtractions.

You do not have enough ones so you will need to exchange a ten for 10 ones.

$$25 - 17 =$$

$$36 - 18 =$$

$$43 - 25 =$$

$$52 - 39 =$$

Hundreds	Tens	Ones



**LO: I CAN SUBTRACT 3 DIGIT AND 2 DIGIT  
NUMBERS (CROSSING 10 OR 100).**

Wednesday 7th July 2021

- Some will even** eloquently explain the process used.
- Some will** solve calculations using the column method.
- Most will** subtract 3 digit and 2 digit numbers (crossing 10 or 100) - using equipment.
- All will** subtract 1 or 2 digit numbers.

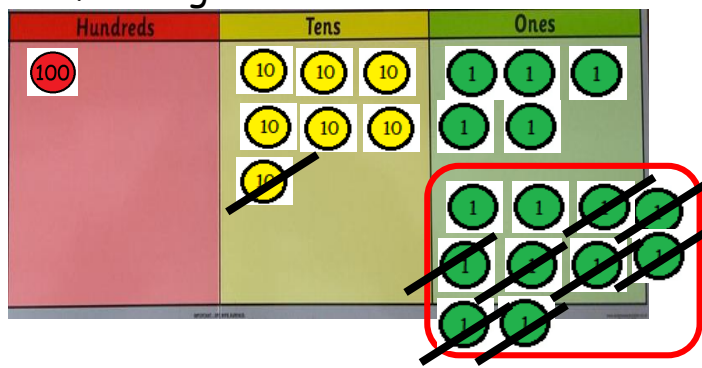
# GUIDED PRACTICE 1

They planted 175 trees last year.  
38 did not survive the winter.



$$175 - 38 =$$

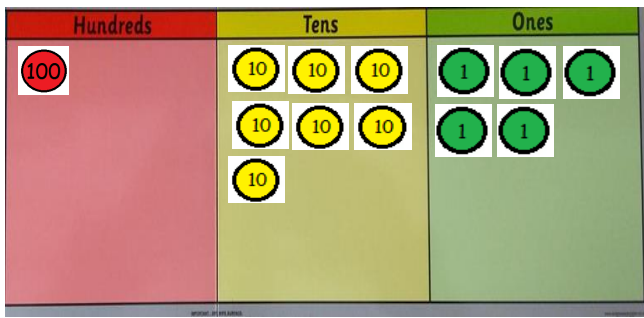
I try to subtract 8 ones but I only have 5. I need to exchange 1 ten for 10 green ones.



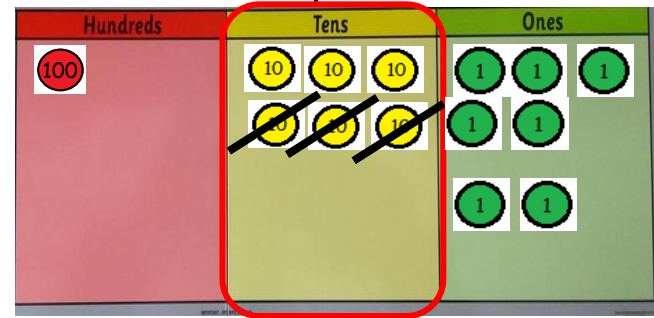
H	T	O
1	<del>7</del>	15
	3	8
		7

The leaves me with 6 tens.  
I now have 15 ones. 15 - 8 is 7.

First, I make 175 on my board neatly.



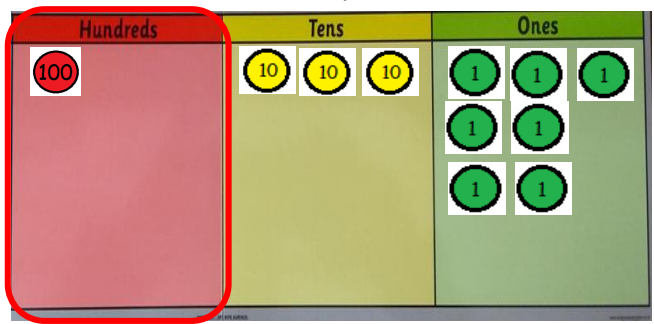
Now I subtract my tens.



H	T	O
1	<del>7</del>	15
	3	8
	3	7

6 tens minus 3 tens leaves 3 tens.

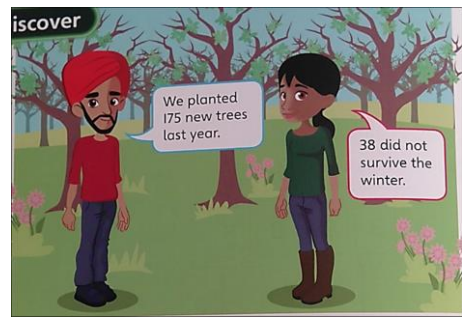
Then I subtract any hundreds.



H	T	O
1	<del>7</del>	15
	3	8
1	3	7

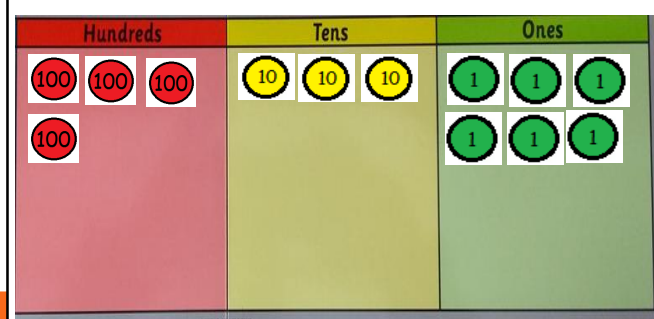
# GUIDED PRACTICE 2

They planted 436 trees last year.  
62 did not survive the winter.

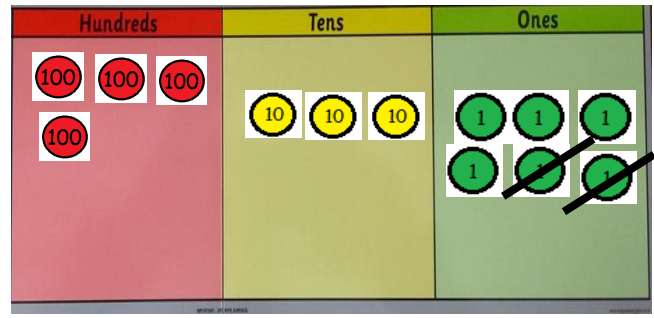


$$436 - 62 =$$

First, I make 436 on my board neatly.



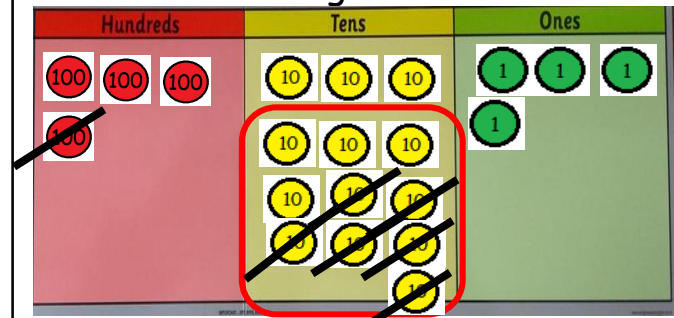
I can subtract 2 ones as I have 6 ones.



That leaves me with 4 ones.

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \hline 4 \quad 3 \quad 6 \\ - \quad \quad 6 \quad 2 \\ \hline \quad \quad \quad 4 \end{array}$$

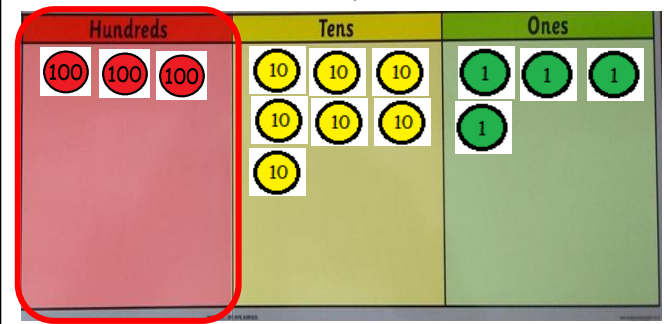
Now my tens. I can't subtract 6 tens as I only have 3 tens. I need to exchange 1 hundred for 10 tens.



Now I have 13 tens.  
13 tens - 6 tens is 7 tens.

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \hline \cancel{3} \cancel{4} \quad 13 \quad 6 \\ - \quad \quad 6 \quad 2 \\ \hline \quad \quad 7 \quad 4 \end{array}$$

Then I subtract any hundreds.



$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ \hline \cancel{3} \cancel{4} \quad 13 \quad 6 \\ - \quad \quad 6 \quad 2 \\ \hline 3 \quad 7 \quad 4 \end{array}$$

# LET'S TRY THESE.

Solve these ones.

Think about your layout/presentation, otherwise you will end up looking at the wrong numbers.

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

Exchanging tens for ones.

$$165 - 27 =$$

$$156 - 38 =$$

$$277 - 49 =$$

$$394 - 56 =$$

Exchanging hundreds for tens.

$$147 - 62 =$$

$$258 - 61 =$$

$$375 - 92 =$$

$$423 - 81 =$$

# INTELLIGENT PRACTICE



3 before me  
Ones, tens then hundreds.

Exchanging a ten for 10 ones.  
Solve these using column subtraction.



$$133 - 14 =$$

$$224 - 15 =$$

$$371 - 19 =$$

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$$146 - 38 =$$

$$233 - 27 =$$

$$388 - 59 =$$

Exchanging a hundred for 10 tens.  
Solve these using column subtraction.



$$115 - 23 =$$

$$223 - 31 =$$

$$338 - 45 =$$

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$$184 - 92 =$$

$$276 - 81 =$$

$$355 - 93 =$$

Mixed



$$456 - 27 =$$

$$617 - 31 =$$

$$573 - 58 =$$

$$758 - 73 =$$

$$694 - 69 =$$

$$847 - 91 =$$

How might  
you solve  
this?



	H	T	O
	4	7	6
-		9	8

# DIVE DEEPER (1)

1

Solve these using column subtraction.

		H	T	O
		2	5	3
	-		2	7
<hr/>				
<hr/>				

		H	T	O
		4	2	6
	-		8	2
<hr/>				
<hr/>				

On the first one, I didn't have enough ones so I exchange 1 \_\_\_\_\_.  
 On the second one, I didn't have enough tens so I exchanged 1 \_\_\_\_\_.

2

Solve these using column subtraction.

212 cm - 42 cm

£413 - £65



3

A film is shown 3 times in a day. The table shows how many children watch each showing.

Showing time	11 am	3 pm	7 pm
Number of children	462	295	78

How many more children watch the 11 am showing than the 7 pm showing?

4

Find the missing values.

a)

728	
45	

b)

650		
38	53	

5

What mistakes have been made in these column subtractions. Explain in your maths book.

a)

3	5	7
-	2	9
<hr/>		
3	3	2

b)

	<del>6</del>	<del>0</del>	<del>2</del>
-	3	5	
<hr/>			
	4	7	7

