

### Using written methods for subtraction without exchanging

Eva uses place value counters to calculate  $3,454 - 1,224$

	Th	H	T	O
	3	4	5	4
—	1	2	2	4
	2	2	3	0

Use Eva's method to calculate:

$$2,348 - 235 = \underline{\hspace{2cm}}$$

[illegible]

$$6,582 - 582 = \underline{\hspace{2cm}}$$

[illegible]

\_\_\_\_\_ = 4,572 - 2,341

[illegible]

$$\underline{\hspace{1cm}} = 7,262 - 7,151$$

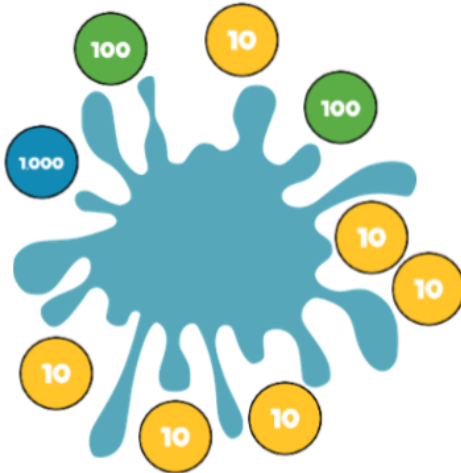
[illegible]



2.11.21

Using written methods for subtraction without exchanging - challenge

There are counters to the value of 3,470 on the table but some have been covered by the splat.



What is the total of the counters covered?  
How many different ways can you make the missing total?

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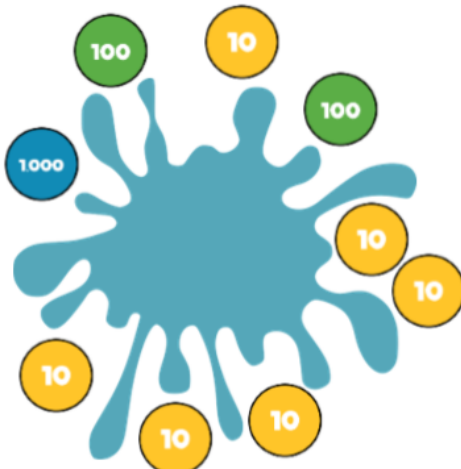
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2.11.21

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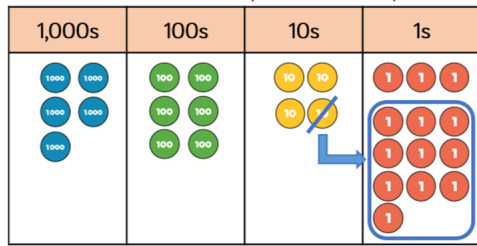
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3.11.21

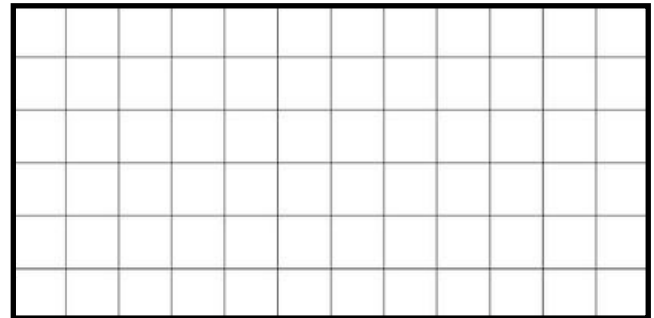
Using written methods for subtraction with exchanging



	Th	H	T	O
	5	6	<del>3</del> 4	<del>1</del> 3
—	4	3	1	6
	1	3	2	7

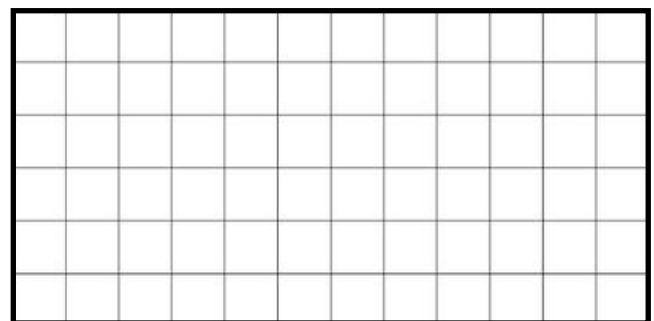
$$4,721 - 3,605 =$$

Th	H	T	O



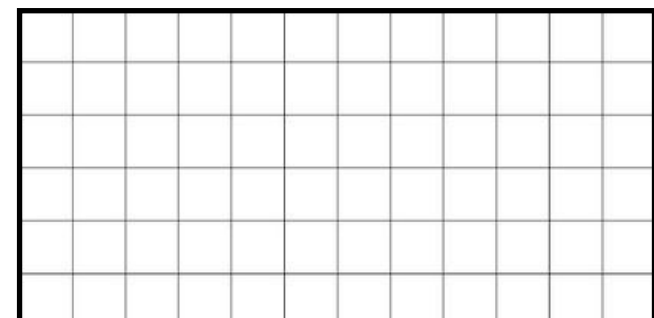
$$4,721 - 3,650 =$$

Th	H	T	O



$$4,172 - 3,650 =$$

Th	H	T	O





3.11.21

## Using written methods for subtraction with exchanging - challenge



1,235 people go on a school trip.

There are 1,179 children and 27 teachers.  
The rest are parents.

How many parents are there?

Explain your method

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Find the missing numbers that could go in the spaces. *Journal on the next page.*

$$\underline{\quad} - 1,345 = 4\_6$$

- 1) What is the greatest number that could go in the first space?
- 2) What is the smallest number?
- 3) How many possible answers could you have?
- 4) What is the pattern between the numbers?
- 5) What method did you use? Why?

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4.11.21

## Using written methods for subtraction

Use place value counters and the column method to calculate:

$5,783 - 844$

$6,737 - 759$

$8,252 - 6,560$

$1,205 - 398$

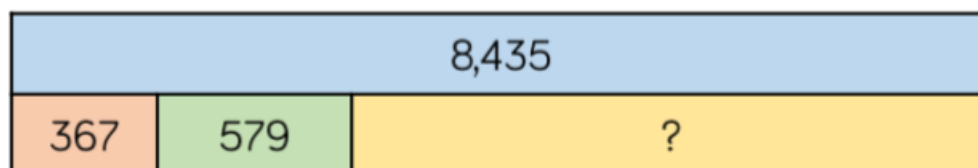
$2,037 - 889$

$2,037 - 1,589$

A shop has 8,435 magazines.

367 are sold in the morning and 579 are sold in the afternoon.

How many magazines are left?



There are \_\_\_\_ magazines left.

Find the missing number.

	Th	H	T	O
	?	?	?	?
+	4	6	7	8
	7	4	3	1

	Th	H	T	O
+	4	6	7	8
	7	4	3	1

Eva is working out  $406 - 289$

Here is her working out:

Step 1

$$\begin{array}{r} \overset{3}{\cancel{4}}\overset{1}{0}6 \\ - 289 \\ \hline 7 \end{array}$$

Step 2

$$\begin{array}{r} \overset{2}{\cancel{4}}\overset{1}{0}\overset{1}{6} \\ - 289 \\ \hline 027 \end{array}$$

Explain her mistake.

What should the answer be?



4.11.21

Using subtraction to solve word problems

Eva is performing a column subtraction with two four digit numbers.



The larger number has a digit total of 35

The smaller number has a digit total of 2

Use cards to help you find the numbers.

What could Eva's subtraction be?

How many different options can you find?



4.11.21

Using subtraction to solve word problems

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