

27.1.21 MLJ is to subtract using formal written methods 😊 😊 ? (Year 6)

	Th	H	T	O
	7	<del>7</del> <sup>14</sup>	4	2
-	6	1	5	1
	1	6	9	1

We can subtract using a written strategy. First we estimate what the answer will be using rounding:  $7,842 - 6,151 =$  around 1,650.

To calculate the exact answer we start by subtracting the ones:  $2 - 1 = 1$  one. We put the one in the ones column.

We can't do 4 tens subtract 5 tens so we need to exchange one of the hundreds for 10 tens. We now have 14 tens which makes 140.  $14 \text{ tens} - 5 \text{ tens} = 9 \text{ tens}$ . We put the 9 in the tens column.

As we exchanged one hundred, we now have 7 hundreds left in the hundreds column.  $7 \text{ hundreds} - 1 \text{ hundred} = 6 \text{ hundreds}$ . We put 6 in the hundreds column.

$7 \text{ thousands} - 6 \text{ thousands} = 1 \text{ thousand}$ . We put 1 in the thousand column.

We then check the answer against our estimate. Are the answer and estimate similar?

1. Calculate these using column subtraction

e:

	HTh	TTh	Th	H	T	O
g	2	5	8	7	1	4
-		5	5	4	7	6

e:

	HTh	TTh	Th	H	T	O
h	8	0	7	9	2	5
-		4	5	2	3	6

e:

	HTh	TTh	Th	H	T	O
i	4	6	4	3	9	2
-	4	5	8	7	8	7

e:

	HTh	TTh	Th	H	T	O
j	9	8	4	1	3	2
-	6	5	4	7	5	5

e:

	HTh	TTh	Th	H	T	O
k	4	6	7	9	2	3
-	3	8	8	4	3	7

e:

	HTh	TTh	Th	H	T	O
l	6	5	7	7	8	7
-	4	7	6	9	7	8

**RED HOT CHALLENGE:**

1. In a census, the population consisted of 1,384,763 males and 903,889 females. How many more males than females were there?

Estimate by rounding first.

2. The Smith family went on holiday and travelled 177,129km to get to their destination. The West family travelled 512,387km to get to their destination. How much further did the West family travel?

Estimate by rounding first.