

Monday 22nd June

LO: to subtract two 4 digit numbers with no exchange.

Something we learnt previously:	Something we learnt last unit:	Something we are learning now:
a. 5×9 b. 8×6 c. 9×9	$3463 + 1721$ $6438 + 1289$ $7635 + 1481$	$6532 + 2519$ requires 1 exchange. True or false. Prove it.

Here is the video link to help you if you can access it

<https://vimeo.com/427996624>

I do:

$$6473 - 2362 =$$

Here is a place value grid.

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000 1,000 1,000	100 100 100 100	10 10 10 10 10	1 1 1

When subtracting I always start from my ones.

$$3 - 2 = 1$$

$$70 - 60 = 10$$

$$400 - 300 = 100$$

$$6000 - 2000 = 4000$$

My answer is 4111.

$$6473 - 2362 =$$

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000 1,000 1,000	100 100 100 100	10 10 10 10 10	1 1 1

4

1

1

1

$4624 - 2211 =$

You do:

Here is a place value grid.

Thousands	Hundreds	Tens	Ones
			

When subtracting I always start from my ones.

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

My answer is _____

I do:

$$\begin{array}{r} 4587 \\ - 2341 \\ \hline 2246 \end{array}$$

Start from the ones column when subtracting. $7 - 1 = 6$

Then 10s column $80 - 40 = 40$

Then hundreds column $500 - 300 = 200$

Then thousands column $4000 - 2000 = 2000$

My answer is 2246.

You do:

$$\begin{array}{r} 6827 \\ - 3212 \\ \hline \end{array}$$

Start from the ones column when subtracting. $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Then 10s column $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Then hundreds column $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Then thousands column $\underline{\quad} - \underline{\quad} = \underline{\quad}$

My answer is _____.

Independent task:

Use what you have learned
to answer the questions on
your worksheet.

Where it asks you to compare with a partner, you don't need to do that (however you could discuss with an adult).

If you get stuck, go back and look at the examples from the I do, you do section again to help you.

Subtract two 4-digit numbers – no exchange

1 Use the place value chart to work out $5,624 - 2,301$

Th	H	T	O
5 6 6 5	6 6 6 5	2 2 1 1	4 1 1 1

$5,624 - 2,301 = \boxed{}$

Complete the calculation.

Th	H	T	O
5 6 2 4	6 6 6 5	2 2 1 1	4 1 1 1
-	2 3 0 1		

What is the same about the representations?
What is different?

3 Use the place value charts to complete the calculations.

a) $3,412 - 1,201$

Th	H	T	O
3 4 3 2	4 6 6 1	1 1 1 1	2 1 1 1
-	1 2 0 1		

Th	H	T	O
9 3 2 1	9 8 7 0	1 1 1 1	6 5 4 1
-	7 2 0 5		

b) Aisha is calculating $7,585 - 316$

Th	H	T	O
7 5 3 4	8 6 1 4	8 6 1 1	5 2 1 1
-	3 1 6 2		

$7,585 - 316 = 4,425$

Do you agree with Aisha?
Explain your answer.

5 Complete the calculations. Show your working.

a) $6,205 - 104 = \boxed{}$

b) $3,749 - 1,642 = \boxed{}$

c) $\boxed{ } = 5,371 - 3,260$

6 $5,361 - 3,241$

Th	H	T	O
5 3 2	6 6 6 5	4 4 1 1	1 1 1 1
-	3 2 4 1		

$\boxed{ } = 7,405 - 404$

Th	H	T	O
7 4 3 2	4 4 4 1	0 0 0 1	5 4 3 1
-	4 0 0 4		

7 Complete the calculations.

a) $\boxed{ } = 9,853 - 853$

Th	H	T	O
9 8 3 2	9 8 7 1	5 5 5 1	6 5 4 1
-	3 1 6 0		

b) $\boxed{ } = 3,060$

Th	H	T	O
8 0 3 2	8 8 7 1	6 6 5 1	1 1 1 1
-	3 0 6 0		

8 The distance from A to B is 2,365 m.
The distance from A to C is 5,875 m in the same direction.
How far is C from B?

$2,365 \text{ m}$

$\boxed{ } = 5,875 \text{ m}$

9 Whitney and Ron are playing a game.
Whitney has 1,353 points.
Ron has 230 points fewer than Whitney.
How many points do they have altogether?

Plenary:

True or false? Prove it!

$$\begin{array}{r} 7524 \\ 4113 - \\ \hline 3611 \end{array}$$