

Lesson Five

I can subtract two 4-digit numbers - with one exchange

Starter- How would you solve this problem?

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

	Th	H	T	O
	8	5	5 6	12
-	1	3	2	4
	7	2	3	8

We can't subtract 2 from 4 (without creating a negative number) so we need to exchange.

To exchange we need to exchange 1 ten for 10 ones.

Then 2 ones will change to 12 ones.

Try this one:

Identify which numbers you can subtract and which you can't without exchanging.

	Th	H	T	O
	6	3	7	9
-	1	1	8	3

	Th	H	T	O
	6	2 3	17	9
-	1	1	8	3
	5	1	9	6

We can't subtract 7 from 8.
(without creating a negative number) so we need to exchange.

This time we don't need to exchange tens, we need to exchange hundreds.

We need to exchange 1 hundred for 10 tens (because $10 \times 10 = 100$).

Have a try at working out the subtraction problems on the activity sheet. See if you can exchange one number.