14.07.21

LO: To subtract

Starter

True or False?

1 thousand = 10 hundreds T

1 hundred = 1 ten F

1 thousand = 10 tens F

I do/We do

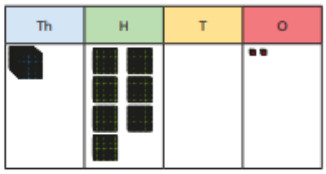
Silent teacher

We do

Write down 3 rules that explain how to use column subtraction method.

You do

1 Kim has made a number using base 10



a) Subtract 8 from Kim's number.

b) Explain the method you used.

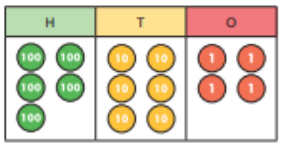
c) Subtract 20 from Kim's number.

d) Subtract 900 from Kim's number.

e) Work out the subtractions.

1,702 – 28 1,702 – 928

2 Use the place value chart to work out the subtractions.



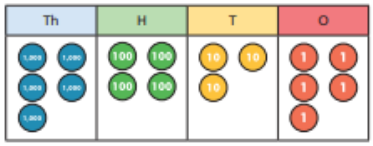
a) 564 – 354 b) 564 – 355 c) 564 – 365

Look at your calculations in parts a), b) and c).

What is the same? What is different?

$$\begin{array}{r} 1\,\cancel{6}^{5}\,\cancel{9}^{8}\,\cancel{0}^{1}2 \\ -\quad\quad\;\; 8 \\ \hline 1\,6\,9\,4 \end{array}$$

3 Use the place value chart to work out the subtractions.



a) 5,435 – 2,036 b) 5,436 – 2,036 c) 5,437 – 2,036

Look at your calculations in parts a), b) and c).

What is the same? What is different?

I do/We do

Silent teacher

You do

4 Complete the calculations.

a)

	Th	H	T	O
	7	3	2	5
−	2	4	0	6

b)

	Th	H	T	O
	5	6	3	4
−	2	7	4	5

c)

	Th	H	T	O
	7	1	0	2
−		3	9	8

d)

	Th	H	T	O
	5	0	0	0
−	1	7	3	3

5 A jug contains 1,500 ml of juice.
The juice is poured into 2 glasses.
Each glass holds 258 ml of juice.
How much juice is left in the jug?



6 Work out the missing digits.

a)

	Th	H	T	O
	7			4
−	1	2	3	
		9	5	8

b)

	Th	H	T	O
	4	0		3
−			3	8
		8	4	

7 Arrange all the digit cards to make a possible subtraction for each description.

0	1	2	3	4	5	6	7

a) There are two exchanges.
The answer is
less than 2,000

b) There are two exchanges.
The answer is
greater than 4,000

c) There are three exchanges.