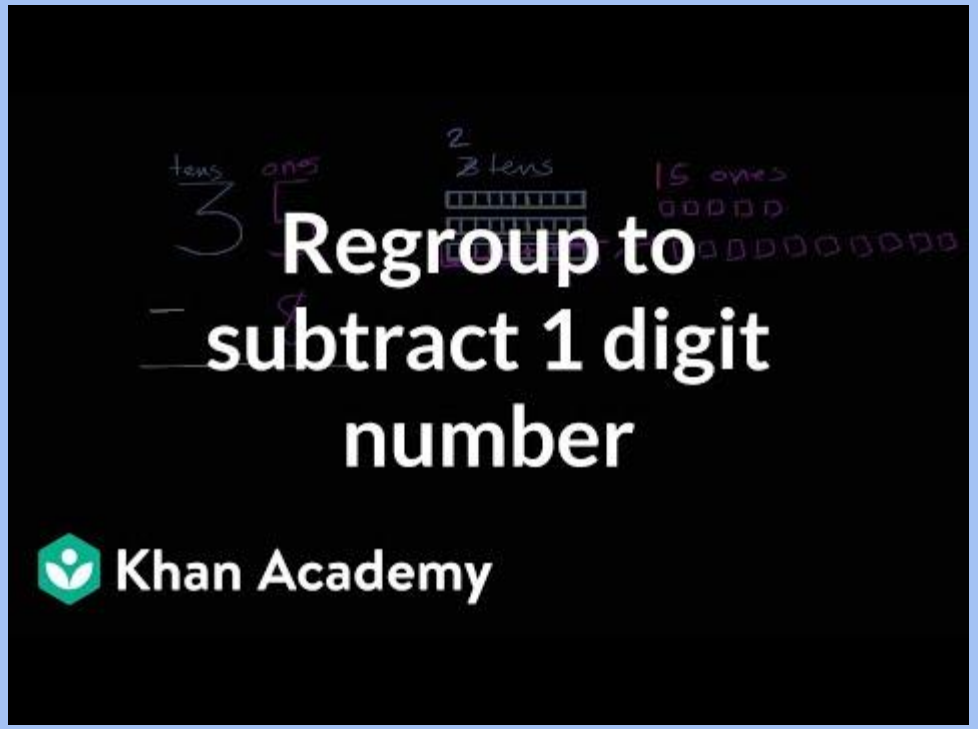
Tuesday
Subtraction

13.10.20

Watch this video on how to subtract with exchanging in a column method:



https://www.youtube.com/watch?v=zvetEuVJ0bE

Today we will subtract 1 digit from 2 digits using the compact column method and exchange.

2 4 - 5 =

Today we will subtract 1 digit from 2 digits using the compact column method and exchange.

$$24 - 5 =$$

$$\begin{array}{r} {}^{1}\cancel{2}\,{}^{14} \\ -\quad 5 \\ \hline 1\quad 9 \end{array}$$

1) First you look at the ones column. You can't subtract 5 from 4.
2) So now you need to exchange (take) a ten from the tens column. The 2 tens becomes 1 ten.
3) In the ones column, you now have 14.
4) You do 14 - 5 = 9.
5) Next, you look in tens column and do 1- 0, which gives you 1.
6) So you final answer is: 19

Now try another subtraction sum using the column method. You will try independently first:

3 4 - 6 =

Was this your working out and answer?

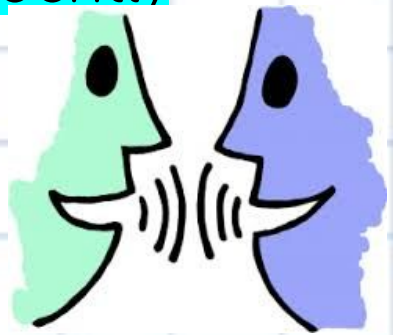
$$34 - 6 =$$

$$\begin{array}{r} {}^{2}\cancel{3}\,{}^{1}4 \\ -\quad 6 \\ \hline 2\;8 \end{array}$$

1) First you look at the ones column. You can't subtract 6 from 4.
2) So now you need to exchange (take) a ten from the tens column. The 3 tens becomes 2 tens.
3) In the ones column, you now have 14.
4) You do 14 - 6 = 8.
5) Next, you look in tens column and do 2- 0, which gives you 2.
6) So you final answer is: 28

Now try another subtraction sum using the column method. You will try independently first:

5 7 - 9 =



Can you orally explain how to solve this step by step?

Was this your working out and answer?

$$57 - 9 =$$

$$\begin{array}{r} {}^{4}\cancel{5}\,{}^{1}7 \\ -\quad 9 \\ \hline 48 \end{array}$$

1) First you look at the ones column. You can't subtract 9 from 7.
2) So now you need to exchange (take) a ten from the tens column. The 5 tens becomes 4 tens.
3) In the ones column, you now have 17.
4) You do 17 - 9 = 8.
5) Next, you look in tens column and do 4- 0, which gives you 4.
6) So you final answer is: 48

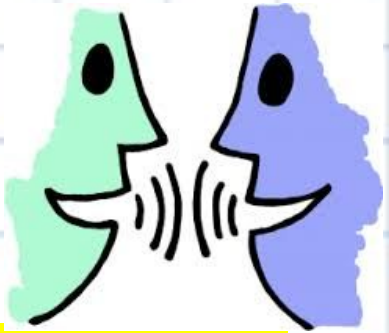
Your task is to solve one column method question and describe step by step how you solved it: Example layout:

13.10.20

Compact column method

5 7 - 9 =

```
   5 7
 -   9
-------
```



Can you orally explain to your partner how to solve this step by step?

First I looked at the ones column.
I then realised I didn't have enough ones to subtract from.
Then, I exchanged .....

Your task in your home maths books.

13.10.20

Column method:

1. 12 - 5 =

Column method:

1. 35 - 6=

Challenge:

Column method:

1. 145 - 36 =

Underneath your working out, explain step by step how you used the column method and exchanging to find your answer.

First I looked at the ones column and realised .....

So then, I needed to exchange the.....