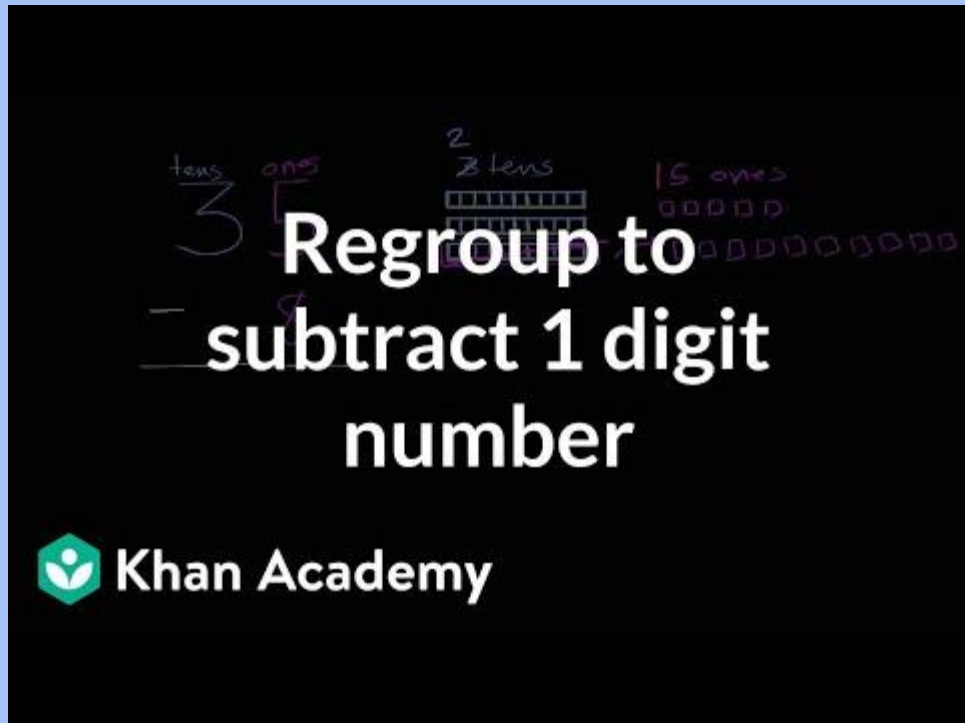


Tuesday Subtraction

13.10.20




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



The thumbnail features a black background with white text. At the top, there are handwritten labels in pink: 'tens' above a '3', 'ones' above a '5', '2 tens' above a '2', and '15 ones' above a '5'. Below these labels are visual representations: a '3' with a vertical line to its right, a '5' with a vertical line to its right, a '2' with a vertical line to its right, and a '5' with a vertical line to its right. In the center, the text 'Regroup to subtract 1 digit number' is written in large, bold, white font. At the bottom left, the Khan Academy logo (a green hexagon with a white leaf-like shape) is followed by the text 'Khan Academy' in white.

**Regroup to
subtract 1 digit
number**

 Khan Academy

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

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

$$24 - 5 =$$

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

$$24 - 5 =$$

$$\begin{array}{r} 4 \\ - 5 \\ \hline 1 9 \end{array}$$

The diagram shows the compact column method for 24 - 5. The number 24 is written above 5. A horizontal line is drawn below the 4. A red '1' is written above the 2, and a red '2' is written above the 4, with a red diagonal line striking through the '2'. Below the line, the digits '1' and '9' are written in the tens and ones columns respectively.

- 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 your final answer is: 19

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

$$34 - 6 =$$



Was this your working out and answer?

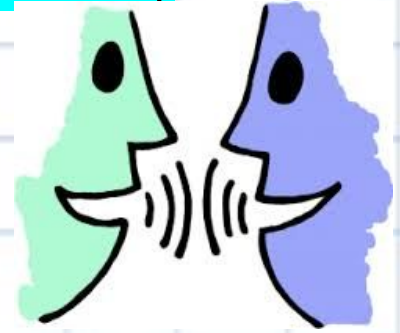
$$34 - 6 =$$

$$\begin{array}{r} 2 \quad 3 \quad 14 \\ - \quad \quad 6 \\ \hline 2 \quad 8 \end{array}$$

- 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 your final answer is: 28

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

$$57 - 9 =$$



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

Was this your working out and answer?

$$57 - 9 =$$

$$\begin{array}{r} 4 \quad 5 \quad 17 \\ - \quad \quad 9 \\ \hline 4 \quad 8 \end{array}$$

- 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 your final answer is: 48

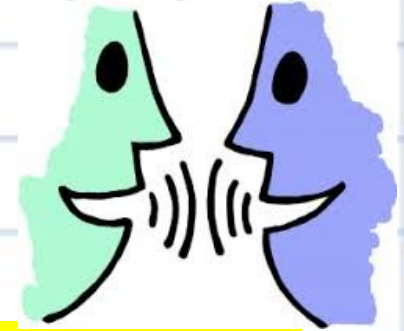
Your task is to solve one column method question and describe step by step how you solved it: Example layout:

1 3 . 1 0. 2 0

Compact column method

$$57 - 9 =$$

$$\begin{array}{r} 57 \\ - 9 \\ \hline \end{array}$$



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.....