

Video 4(a) Subtracting a 2 digit number from a 2 digit number

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a)

Tens	Ones

$$\begin{array}{r} \text{T O} \\ 45 \\ - 15 \\ \hline 30 \end{array}$$

Susie has 30 lengths left.

b)

Tens	Ones

$$\begin{array}{r} \text{T O} \\ 45 \\ - 27 \\ \hline \end{array}$$

Tens	Ones

$$\begin{array}{r} \text{T O} \\ 34 \text{ } 15 \\ - 27 \\ \hline \end{array}$$

Tens	Ones

$$\begin{array}{r} \text{T O} \\ 34 \text{ } 15 \\ - 27 \\ \hline 8 \end{array}$$

Tens	Ones

$$\begin{array}{r} \text{T O} \\ 34 \text{ } 15 \\ - 27 \\ \hline 18 \end{array}$$

45 - 27 = 18 Kay has 18 lengths left.

Subtract the ones first, then the tens. If there are no ones left, I need to use a zero.



Remember, one ten is equal to ten ones.



See section b)

b) 45-27=

Look at the yellow denes

Pic 1 – Layout

Pic 2 We always start with the ones

5 - 7 we can't do as there are not enough ones

So we need to **exchange** a ten to have more ones (4 tens become 3 tens) and then exchange the ten for ones. Then do the calculation (15-7 = 8 ones)

Pic 3 we Then go over to the **tens**

There are now 3 **tens**

Then we do the calculation 3 tens – 2 tens = 1 ten

45-27 = 18