**Toni Order of Operations 15.45-19.30**

Toni: In this case if we're moving from left to right and deciding between addition and subtraction, Daniela, which one is on the left side?  Which one is coming first as I'm moving this way?

Student: Addition.

Toni: Addition, so you were right to think about addition first.  Here's where all of us need to be careful because this a very common mistake that people make.

We're going to be adding 6 plus something, but that something is not 54, why?  Why is that something not 54?  Mya?

Student: Because you already did 54 divided by 2.

Toni: Good, I've already used 54.  So instead of adding 6 plus 54, what am I gonna be adding in this case?

Student: 21.

Toni: This is?

Student: 24.

Toni: 27, 6 and 27.  If I add 6 and 27, what do I get, Chantal?

Student: 33.

Toni: 33, my next operation.  You have a question, go ahead.

Student: Then 27 is taking over 54.

Toni: The 27 is take over for 54 and?

Student: 2.

Toni: The 2 because we did the division first, 54 divided by 2 is already done, the 27 is taking the place of these two numbers.  These two numbers are 27 because we performed this operation already, Michael?

Student: If we already did 6 plus 27, what do we do with the 20 and the 4 times 5?

Toni: Well, what operations do we still have left, Michael?

Student: Subtraction.

Toni: Subtraction, absolutely.  I'm going to rewrite this here so that we can see it nice and big and clearly.  So we did 54 divided by 2.  We decided we needed to divide first and we got 27.  Then we multiplied 4 times 5 and we got, Laset?

Student: 20.

Toni: 20, so those are done.  Then we said, okay, we have to add.  6 plus whatever was here, which is now Jennifer?

Student: 27.

Toni: So if we do 6 and 27, what are we getting as our answer here, again, 33.  Now Michael, good question, what are we gonna do with this 20, well, what do we have left to do, Michael?

Student: Subtract.

Toni: What is on this side of my subtraction side?

Student: 30.

Toni: 30, what's on this side of my subtraction side?

Student: Twenty.

Toni: So what are we subtracting to get our final answer?

Student: 30 and 20.

Toni: 30 minus 20 and that will give us an answer of?

Student: 10.

Student: 33.

Toni: Oh, sorry, 33.  And that will give us an answer of?

Student: 13.

Toni: 13, absolutely, 33 minus 20 give us an answer of 13.