DVD collections

Annotation

Sally responds to the numbers by choosing to use an algorithm. She can justify her choice and accurately explain her method. It is evident that Sally has a range of mental strategies.

Problem: DVD collections

The teacher shows this problem to the student and reads it with her as required:

Manu collects DVDs. She has 138 in one cabinet, 69 in another 34 in another. How many DVDs in Manu's total collection?

Student response

Sally:	241 DVDs.
Teacher:	Tell me how you did that.
Sally:	Actually I wrote it down like this because there wasn't a quick and easy way to do it in my head. This is what I did.

Sally:	That's the ones [pointing to 21] That's the tens [pointing to 220] including that 13 there [pointing to 13]
Teacher:	What do you know that helped you?
Sally:	I know how to do the written form when you have to, but I usually try to do stuff in my head when I can. I also know when I see a number like 130 that's the same as 13 tens and that makes adding easier.