

Final score

Annotation

Laki uses a standard place value partitioning strategy to solve this double-digit addition problem. He explains that this is his preferred strategy for most addition and subtraction problems.

Problem: Final score

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

You scored 49 points in the first half of your game and 26 points in the second half. What was your final score?

Student response

Laki: It's 75.

Teacher: Tell me how you did that.

Laki: I just said $49 + 20$ is 69 and 6 more is 75.

Teacher: What do you know that helped you?

Laki: Well I know $20 + 6$ is 26 so it's kind of easy to add it like that. That's the way I like to do those ones.

Teacher: How would you record that?

Laki: The question that you asked was actually this: (he records $49 + 26$) which equals 75. So that'd be $49 + 20 = 69$ and $69 + 6 = 75$ so the final score is 75.

$$49 + 26$$

$$49 + 20 = 69$$

$$69 + 6 = 75$$