Blues and Reds

Annotation

Isla can record and explain her notation for a given addition word problem. She understands equivalence of both expressions and correctly explains the meaning of equals.

Problem: Blues and Reds

The teacher shows and reads the following problem to the student:

The game was a draw, with Blue Team scoring 9 points in the first half and 5 in the second half. Red Team scored 7 in the first half and 7 in the second half.

Then the teacher asks:

Can you write one equation to describe the situation?

Student Response

$$9 + 5 = 7 + 7$$

Teacher: Tell me about what you have written.

Isla: Well, it says that the match was a draw, so that means they both scored the same. That's what the equals means, so I just put the Blue's score of 9 + 5 on one side and the Red's 7 + 7 score on the other. They're both 14 so they're equal.