4 Mathematical modeling task

Each player in an online design competition builds their dream house. The player who receives the greatest number of likes wins. The table shows the number of likes one week before the competition closes.

At the end of the competition, Sara has 15,000 more likes and Andre's score doubles. Marcos and Mana each have 5,000 more votes.

Player	Likes
Marcos	11,109
Sara	5,113
Mana	11,187
Andre	10,079

Who has won the competition and by how many points? Show your thinking.

How did you decide which strategies to use?

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