Primates

You need ☑ counters (two colours) ☑ two dice marked 4, 5, 6, 7, 8, and 9
☑ a classmate

Activity

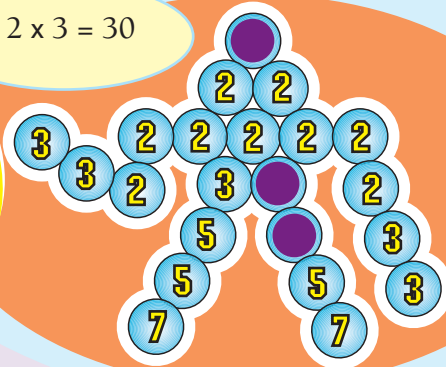Primates, a game for two players, can be played using the board on page **23**.

Nakita and Tipene are playing Primates.
Nakita goes first. She rolls the two dice and multiplies the numbers to get a product.

5 x 6 = 30. OK!

5 x 2 x 3 = 30
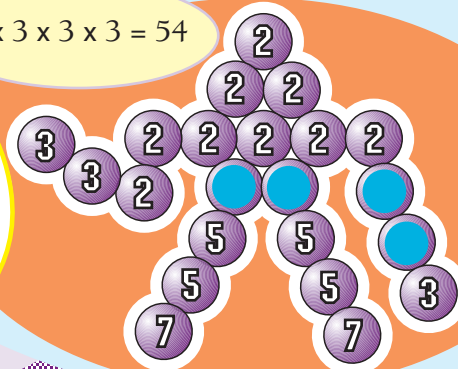
On her half of the board, Nakita uses counters to cover a set of factors that multiply to her product (30).

Tipene has his turn:

6 x 9 = 54

2 x 3 x 3 x 3 = 54

On his half of the board, he covers a set of factors that multiply to 54.

They continue taking turns until one player has no uncovered factors that make their product.
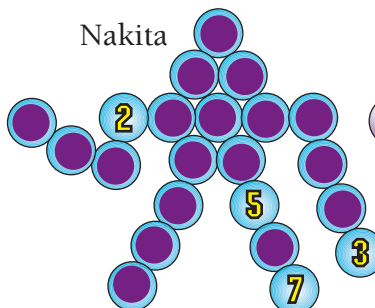
The second player continues until they too have no uncovered factors that make their product.

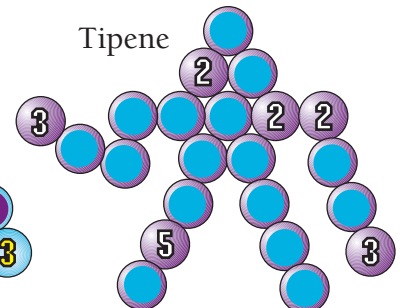When both players have finished, they add up their uncovered numbers.

The winner is the person with the lowest total.

Who has won this game?
Explain your answer.

Nakita   Tipene

Finding prime factors

Game

Play Primates with a classmate.