

Questions

1. What is the optimal next move in the following game of Nim?

\|\|\| \|/\|/\|/\| /\|\|/\| \|\|/\|

Answers

1. Nim piles: 7 (111) 9 (1001) 5 (101) 9 (1001) 6 (110)
Biggest heap has 4 bits
Nim sum is not zero, it is 0100.
Significant bit is 3