

Written Test

Sample (14) Answer

50 boxes, arranged in a circle, are labeled as “1” to “50” in a clockwise direction. John puts a ball into Box “1”, and then leaves out the following 10 boxes. He then puts the second ball into Box “12”, and leaves out the next 10 boxes. Continuing with this process, he puts his final ball into Box “9”. Find the minimum number of balls John has.

Answer: The minimum number of balls is 29.

