



# Circle chairs game



Two large leprechauns, two medium sized leprechauns, and three small leprechauns are playing a game around of circle of chairs. Seven chairs are placed at seven fixed positions. At the start of the game, each chair has one leprechaun in front of it, as shown below.



In one round of the game:

- each large leprechaun moves three positions counter-clockwise
- each medium-sized leprechaun moves two positions counter-clockwise
- each small leprechaun moves one position clockwise.

## QUESTION

After three rounds, how many chairs do not have a leprechaun in front of them?

- A. 0
- B. 1
- C. 2
- D. 3

