## Frankenstein's lab

Three monsters in Frankenstein's lab are trying to make a new chemical
They begin with the four chemicals


Only one monster at a time can perform an operation in the lab.
One operation means to combine two chemicals creating a new chemical which can then be used for future operations. Each monster is only able to perform two types of operations as shown below.
Monster Kay (K)

## QUESTION

The following sequences of letters indicate the order that the monsters work in the lab. Which order would not allow them to create the new chemical ?
A. KPLPKL
C. KPLKPL
B. PPKKLL
D. PLPKKL

Maynooth

