

Game Show

Level D

It's time to play *Let's Make It Real*, hosted by Mighty Fall.



Door 1



Door 2



Door 3

There are three doors. Behind one door is a fabulous prize. Behind the other two doors are bogus prizes. When you pick the first door, another door will open and show you a bogus prize, leaving the door you picked and the third door closed. You once again pick one of the two closed doors. You will either get the fabulous prize or the bogus prize.

Determine the best strategy for winning the fabulous prize.

Using mathematics, explain why your strategy is the best.

