#1 The Monty Hall Problem

Let’s say you’re on a game show where the host shows you three doors. Behind one of these doors is a brand new car. Behind the other two are goats. You get to pick a door. Then, the host will open one of the doors you didn’t open to reveal one of the goats.
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He asks you:

Do you want to switch doors?

Or do you want to stay with the door you chose?

What do you do?
#1 The Monty Hall Problem

Your first thought is to stay with the door you chose.

- It’s worked out pretty well so far, right?
- Since there are only two doors at this point, you reason, it’s a fifty-fifty shot at winning the car.

- Right?