EDNALLY LIKELY OUTCOMES

This scenario applies when (like the name suggests), all the subcomes In the outrome space are just cas likely to get ricked. Think of it this way, you have a closed box with 3 balls (I red, I blue and I green). You pick one at random. There was nothing forevire one ball over the other to the probability of picking a red load would be (1/3).

what we did was count the number of favourable outcomes and divided by the size of all possible outcomes. Formally,

P(event) = # Favourable outcomes. # Total possible outcomes.

EXAMPLE

If me take a fair, six-sided die, radulate the probability of getting an even outcome.

P(even outcome) =
$$\frac{4}{1}$$
 {2,4,6} = $\frac{3}{6}$ = $\frac{1}{2}$