

FAIRPLAY

Equally Likely

Math 5 Crew

Department of Mathematics

Dartmouth College

Equally Likely

Suppose you have N possibilities which are all **equally likely** to occur. Suppose you would like to know the **chance** that a certain collection consisting of K of these possibilities occurs. Then..

Equally Likely

Suppose you have N possibilities which are all **equally likely** to occur. Suppose you would like to know the **chance** that a certain collection consisting of K of these possibilities occurs. Then...

$$\textit{Chance} = \frac{K}{N}$$