

# Counts to plausibility

Unglamorous basis of applied probability:

*Things that can happen more ways are more plausible.*

Possibility		Ways to produce ●○○●
[○○○○○]	0%	$0 \times 4 \times 0 = 0$
[●○○○○]	25%	$1 \times 3 \times 1 = 3$
[●●○○○]	50%	$2 \times 2 \times 2 = 8$
[●●●○○]	75%	$3 \times 1 \times 3 = 9$
[●●●●○]	100%	$4 \times 0 \times 4 = 0$