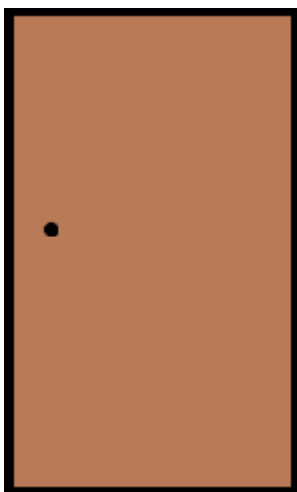
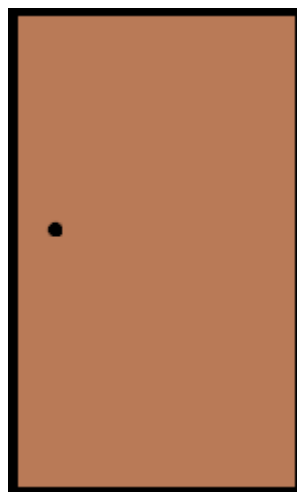


Ziegen-Problem

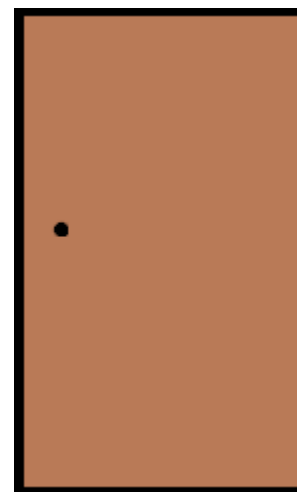
Tür 1



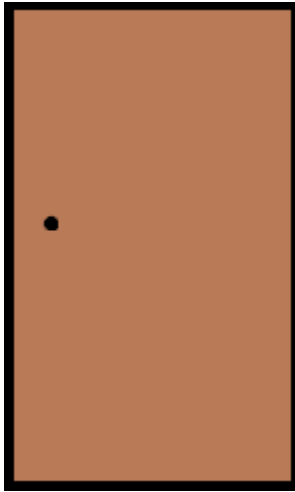
Tür 2



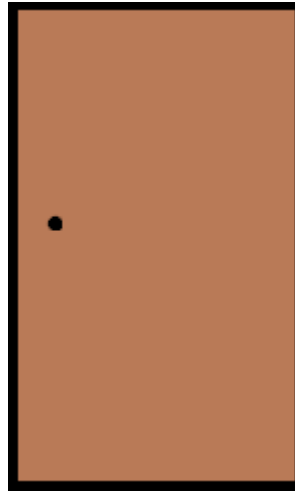
Tür 3



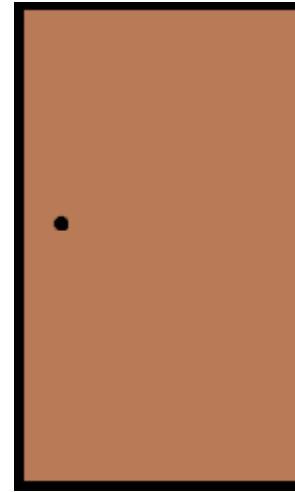
Tür 1



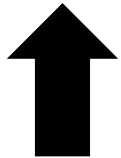
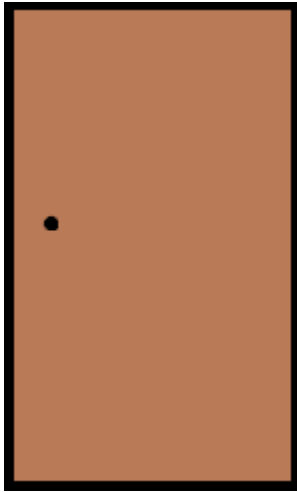
Tür 2



Tür 3



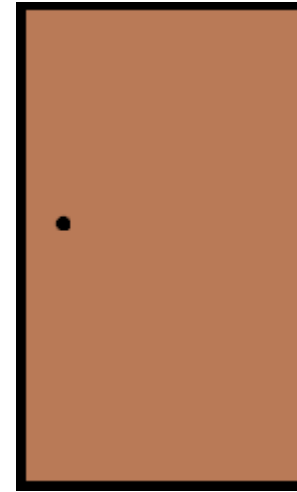
Tür 1



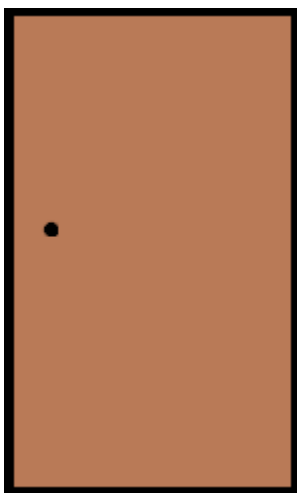
Tür 2



Tür 3



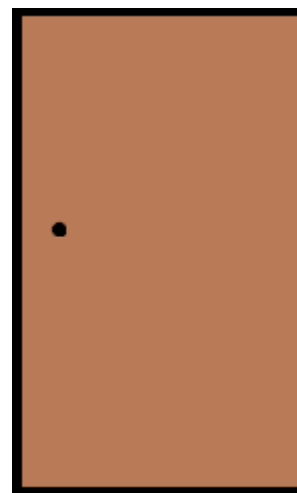
Tür 1



Tür 2



Tür 3



Tür 1



Tür 2



Tür 3



Erklärung

- $p(E1) = p(E2) = p(E3) = \frac{1}{3}$
- Bei Nichtwechsel: Gewinnchance bleibt $\frac{1}{3}$
- Bei Wechsel der Tür: Gewinnchance = $\frac{2}{3}$