

H1
H2
H3
H4...

H10

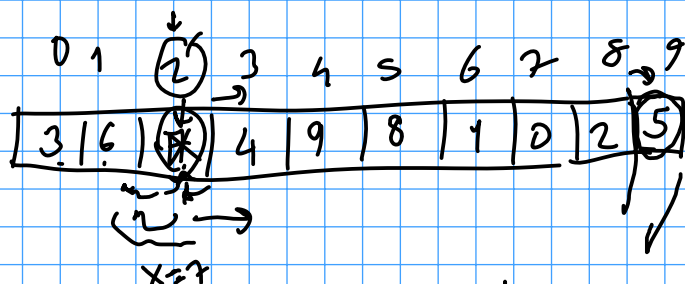
H1 1st
 α

H2 2nd
 α

H3 3rd ...
 α

H10 10th
 α

$$\frac{10!}{e} \div 10! = \frac{1}{e}$$

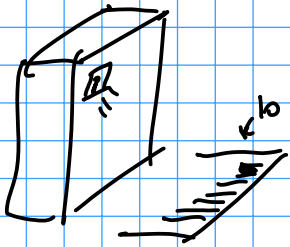


$$10 \rightarrow \frac{9! / e}{9! / e + 10! / e} = \frac{9!}{9! + 10!} = \frac{9!}{9!(1+10)} = \frac{1}{11}$$

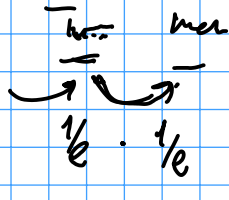
#st	#prob	#good	#all	p	derog	all
1	1	0	1			
2	0	1	1			
3	1	2	3			
4	2	9	11	$\frac{3!}{e}$	$\frac{4!}{e}$	$\frac{3!+4!}{e}$
5	9	44	53			
6	44	265	309			
7	265	1854	2119			
8	1854	14833	16687			
9	14833	133496	148329	$\frac{8!}{e}$	$\frac{9!}{e}$	$\frac{8!+9!}{e}$
10	<u>133496</u>	<u>1334961</u>	<u>1468457</u>	$\frac{1}{11}$		

$$\frac{1}{11} = \frac{1}{10} + \frac{1}{110}$$

$$\frac{8!}{8!+9!} = \frac{1}{10}$$



Mond.



$$= \frac{1}{e^2}$$