

Choisir une « main » de 3 cartes parmi 36 (ordre)

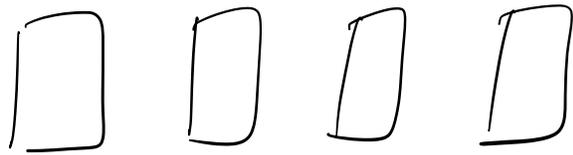
$$C_3^{36} = 7140$$

mains avec au moins 1 AS : $C_3^{36} - C_3^{32}$

$$C_0^4 \cdot C_3^{32}$$

	0 AS	
$C_1^4 \cdot C_2^{32}$	1 AS	}
$C_2^4 \cdot C_1^{32}$	2 AS	
$C_3^4 \cdot C_0^{32}$	3 AS	

5.43



$$10 \cdot 4 \cdot 11 \cdot 9 = 3960$$

$$C_k^n = \frac{n!}{(n-k)! k!}$$

nCr

$$A_k^n = \frac{n!}{(n-k)!}$$

nPr

$$\bar{A}_k^n = n^k$$

y^x

36 cartes

4 AS

~~32 autres~~

Exact. 3 AS

total

$$C_3^4 \cdot C_0^{32}$$

2 choisir