

Probas

4.1

4.3

4.5

4.7

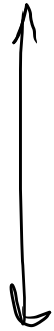
4.9

4.11

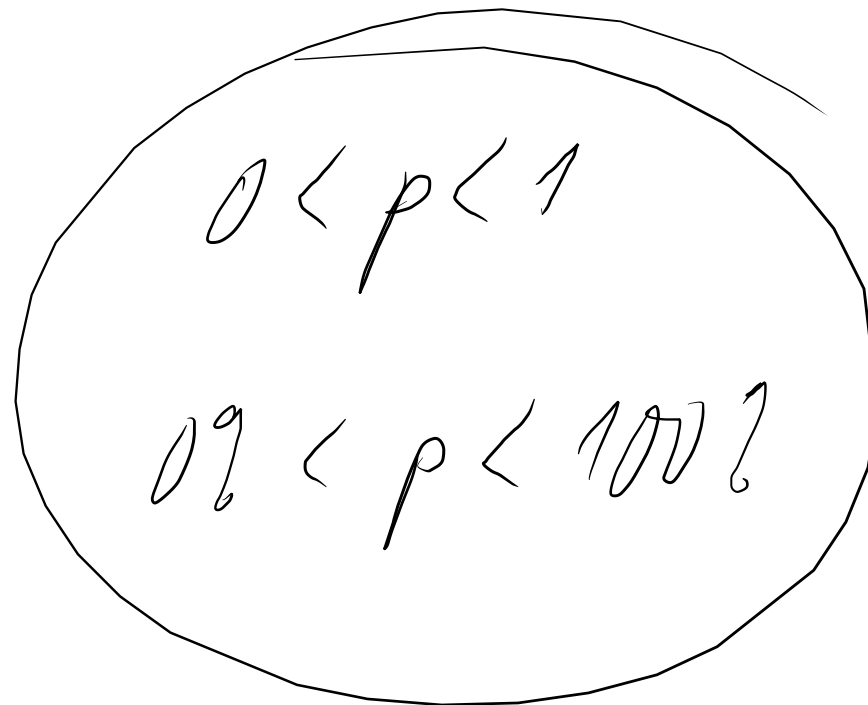
4.12

4.10

Evenement



nombre \mathbb{R}



Lancer d'un dé à 6 faces

$$P(6) \approx 16,67\%$$

$$= \frac{1}{6}$$

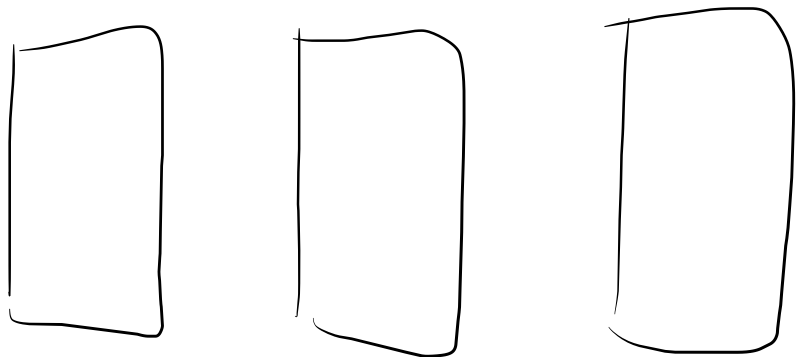
$$\approx 0,1667$$

{ 1, 2, 3, 4, 5, 6 }

MODELE

$$P = \frac{\text{cas favorables}}{\text{total}}$$

~~REALITE~~



AS

AS

AS

$$4 \cdot 3 \cdot 2$$

$$24$$

4AS

AVEC ORDRE



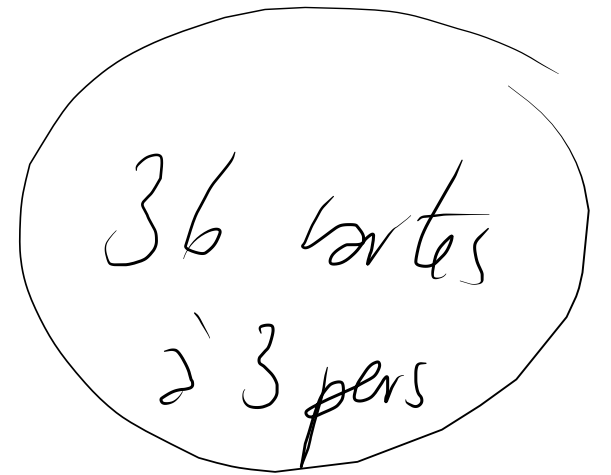
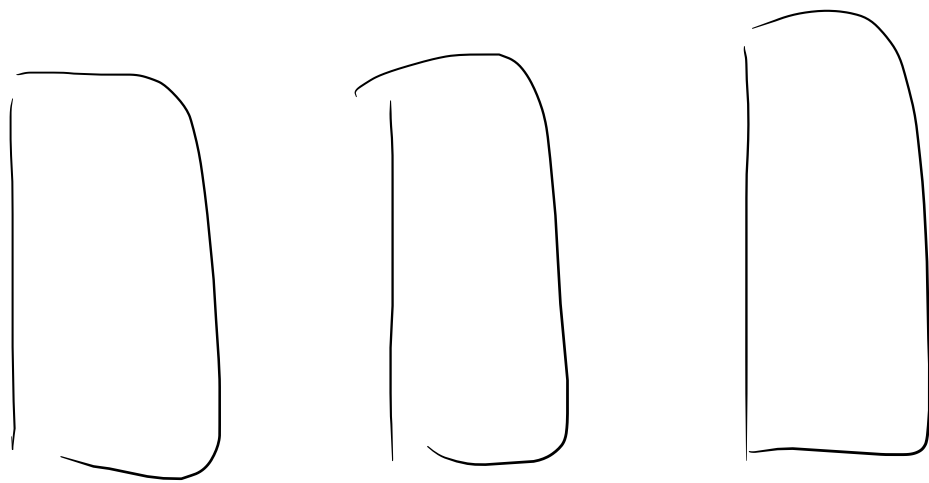
$$3 \cdot 2 \cdot 1$$

$$6$$

SANS ORDRE

Cas favorables

$$= 4 = C_3^4$$



$$36 \cdot 35 \cdot 34$$

$$36 \cdot 35 \cdot 34$$

$3!$

$$= \frac{36 \cdot 35 \cdot 34}{6} = 7140 = \binom{36}{3}$$

total

NOMBRE DE « MAINS »
DE 3 CARTES

$$P(3AS) = \frac{4}{7140} = \frac{1}{1785}$$

$$= 0,00056$$

$$= 0,056\% =$$

nCr / ~~choix~~
~~ordre~~

$$\frac{\binom{4}{3}}{\binom{36}{3}}$$

nCr / ~~choix~~
~~ordre~~