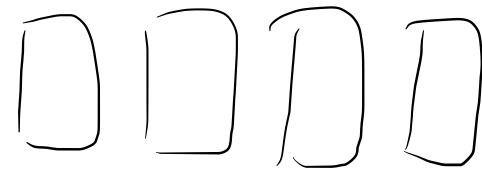


$$4.4. \quad a) \quad \#U = 16$$

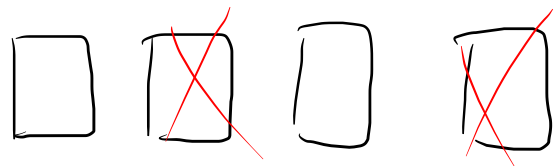
PPFF : 1 cas



$$2 \cdot 2 \cdot 2 \cdot 2 = 16$$

$$P(\text{PPFF}) = \frac{1}{16}$$

$$b) \quad \#U = 16$$



$$P = \frac{\binom{4}{2}}{16}$$

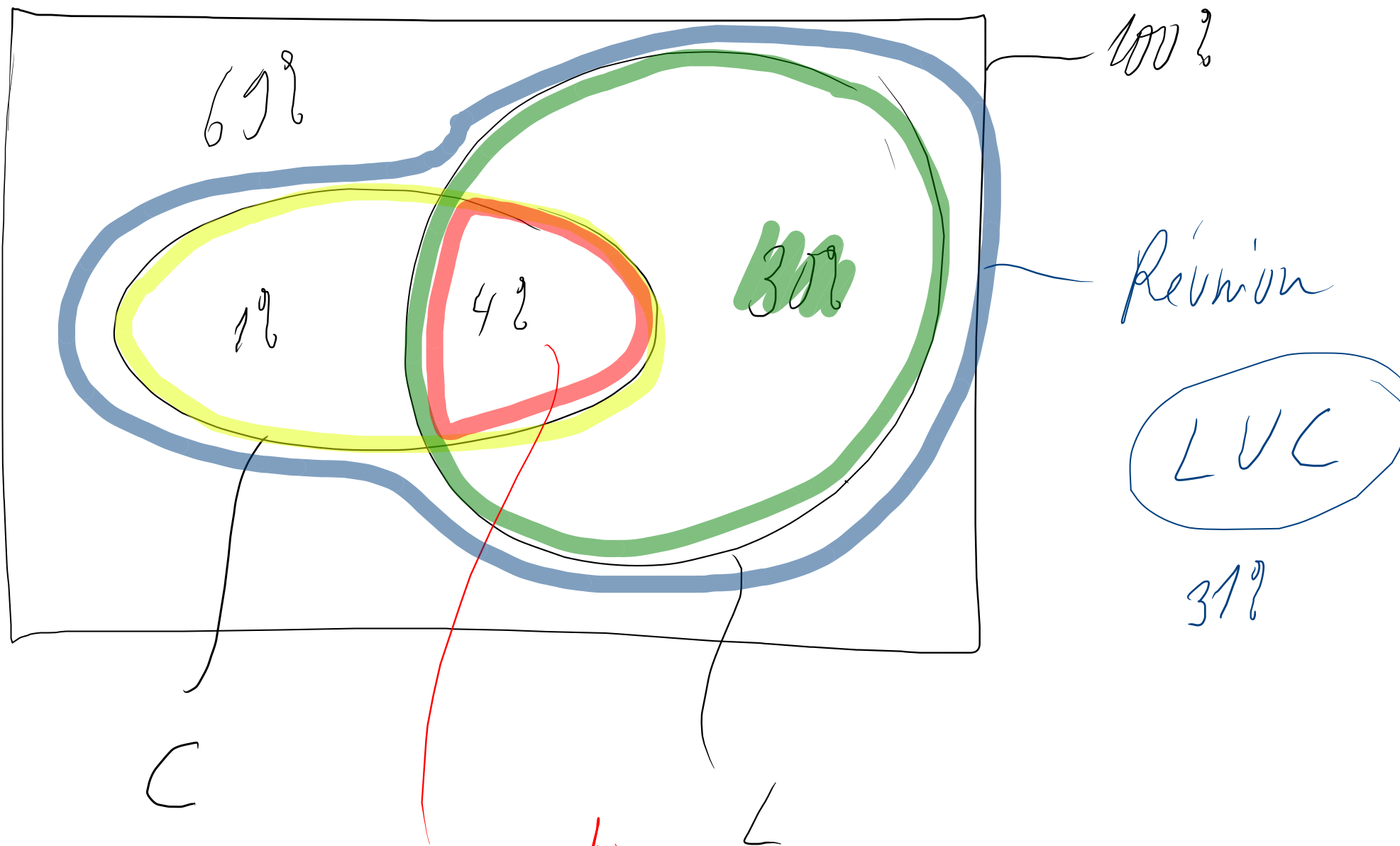
$\binom{4}{2}$: choix de 2 cases
pour les P

PPFF
1 2 1 2

$$\frac{4!}{2! 2!} = \frac{24}{2 \cdot 2} = \frac{24}{4} = 6$$

$$P = \frac{6}{16} = \frac{3}{8} = 0,375$$

Diagramme de Venn



C

L

Intersection

CAL

100 ?

Reunion

LUC

31 ?

