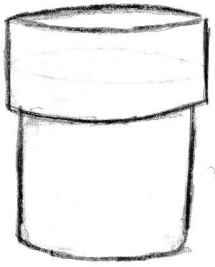
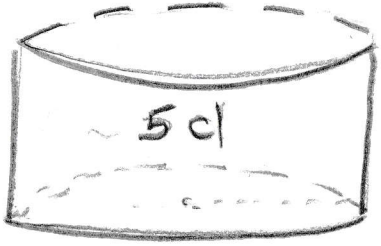
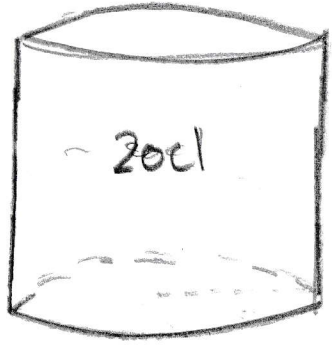
pas empilable
esthétique



empilable
moins esthétique

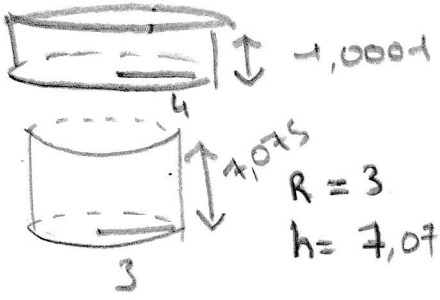


rayon 2
4 cm



rayon 3
3cm

verre doit = 20 cl + 5 cl = 25 cl



$R = 3$

$h = 7,075$

$\pi \times R^2 \times h$

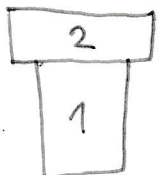
$(\pi \times 3^2 \times 7 = 197,92\ cm^3 \rightarrow 19,7\ cl)$ → reste

$\begin{cases} \pi \times 3^2 \times 7,075 = 200,04 \rightarrow \sim 20\ cl & \text{haut} \\ \pi \times 4^2 \times 1,0001 = 50\ cm^3 \rightarrow \sim 5\ cl & \text{bas} \end{cases}$

Total volume verre = 25 cl

Volume total verres = 49 850 cm^3

Volume de 1 verre:



1: $\pi \times 4^2 \times 1{,}001 = 50\ cm^3 = 5\ cl$

2: $\pi \times 3^2 \times 7{,}075 = 200\ cm^3 = 20\ cl$

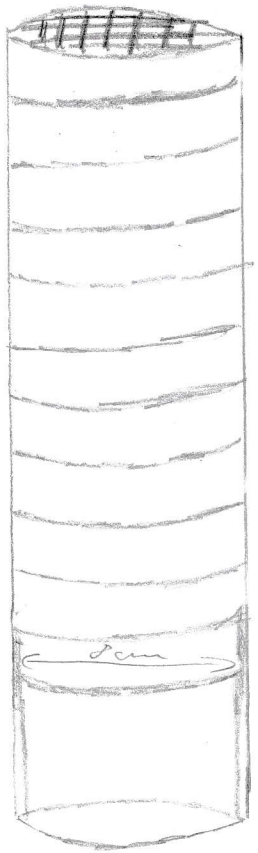
Volume verre: $200 + 50 = 250\ cm^3$

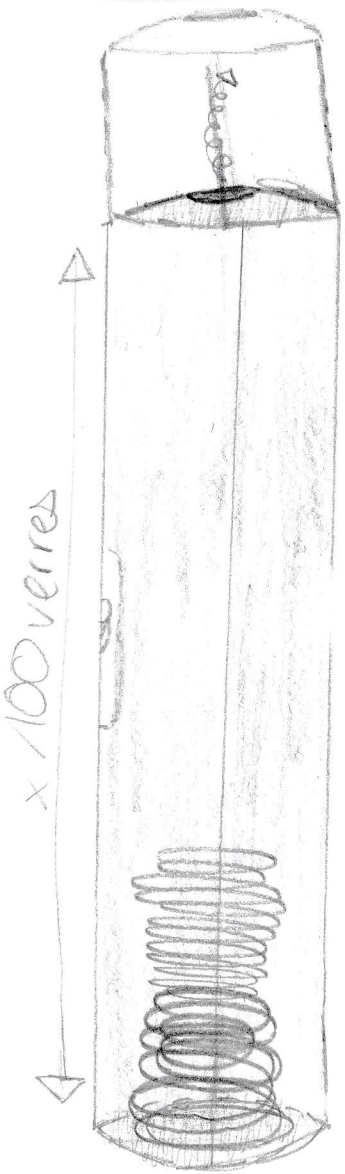
Volume total verres: $250 + 50\,(31 \times 32) = 49\,850\ cm^3$

Volume armoire: $300 \times 40 \times 5 = 60\,000\ cm^3$

33 piles de 31 verres (39,582 cm)

1,001
7,55) 8,551





x10
tubes
=
1000 verres

RANGE VERRES™

G3

Gabin Evan
Clément