***1.***

\( \mathsf{\vec{F}\_{visc} \ = \ - 6\cdot \pi \cdot \eta \cdot r \cdot \vec{v} \therefore} \\ \\ \)

\( \mathsf{[g \cdot cm \cdot s^{-2}] \ = \ [\eta] \cdot [cm] \cdot [cm \cdot s^{-1}] \therefore} \\ \)

\( \mathsf{[\eta] \ = \ [g \cdot cm^{-1} \cdot s^{-1}] \ = \ \big[\dfrac{g}{cm \cdot s}\big]} \)

\( \mathsf{\nu \ = \ \dfrac{\eta}{\rho\_{flu}} \therefore} \)

\( \mathsf{[\nu] \ = \ \dfrac{[g]}{[cm \cdot s]} \cdot \dfrac{[cm^3]}{[g]} \therefore} \)

\( \mathsf{[\nu] \ = \ \dfrac{[cm^2]}{[s]} \ = \ [cm^2 \cdot s^{-1}]} \)

***2.***

As expressões em maiúsculo são fórmulas do Excel.

\( \mathsf{d\_{méd} \ = \ MÉDIA([d\_1,...,d\_4])} \)

\( \mathsf{\sigma\_{d} \ = \ DESVPAD.A[d\_1,...,d4]} \)

\( \mathsf{\sigma\_{d \ méd} \ = \ \dfrac{\sigma\_{d}}{RAIZ(4)}} \)

\( \mathsf{\sigma\_{d \ méd \ c} \ = \ RAIZ(\sigma\_{microm}^2 \ + \ \sigma\_{d \ méd}^2)} \)

\( \mathsf{r\_{méd} \ = \ \dfrac{d\_{méd}}{2}} \)

\( \mathsf{\sigma\_{r \ méd \ c} \ = \ \dfrac{\sigma\_{d \ méd \ c}}{2}} \)

\( \mathsf{r^2\_{méd} = (r\_{méd})^2} \)

\( \mathsf{\sigma\_{r^2\_{méd} \ c} \ = \ 2 \cdot r\_{méd} \cdot \sigma\_{r \ méd \ c}} \)