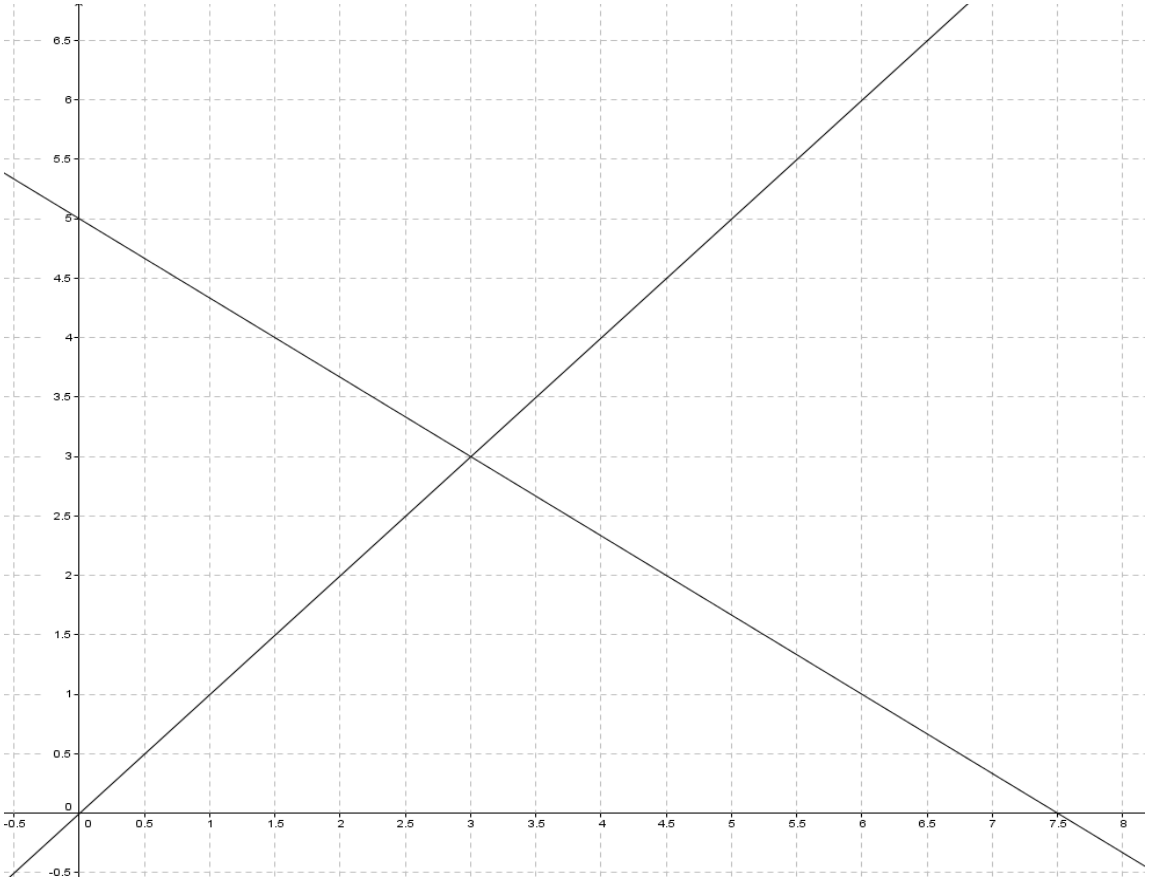
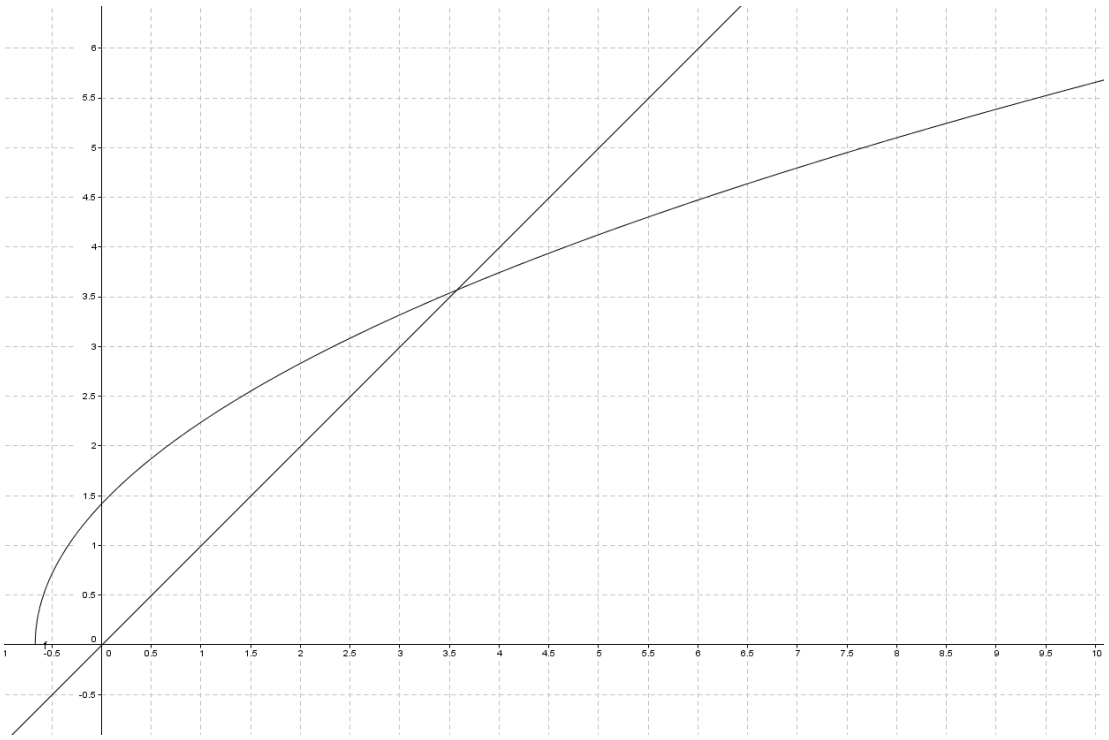
AP **SUITES : Représentations en escalier – escargot**

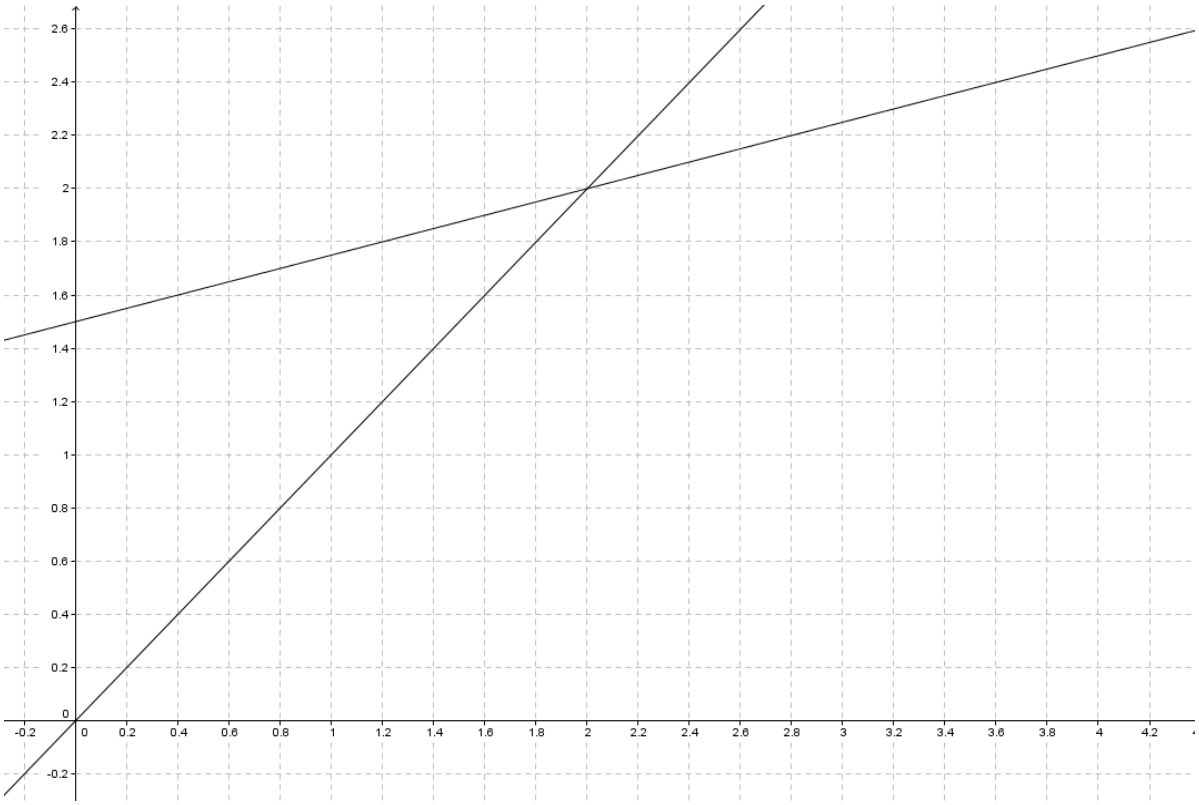
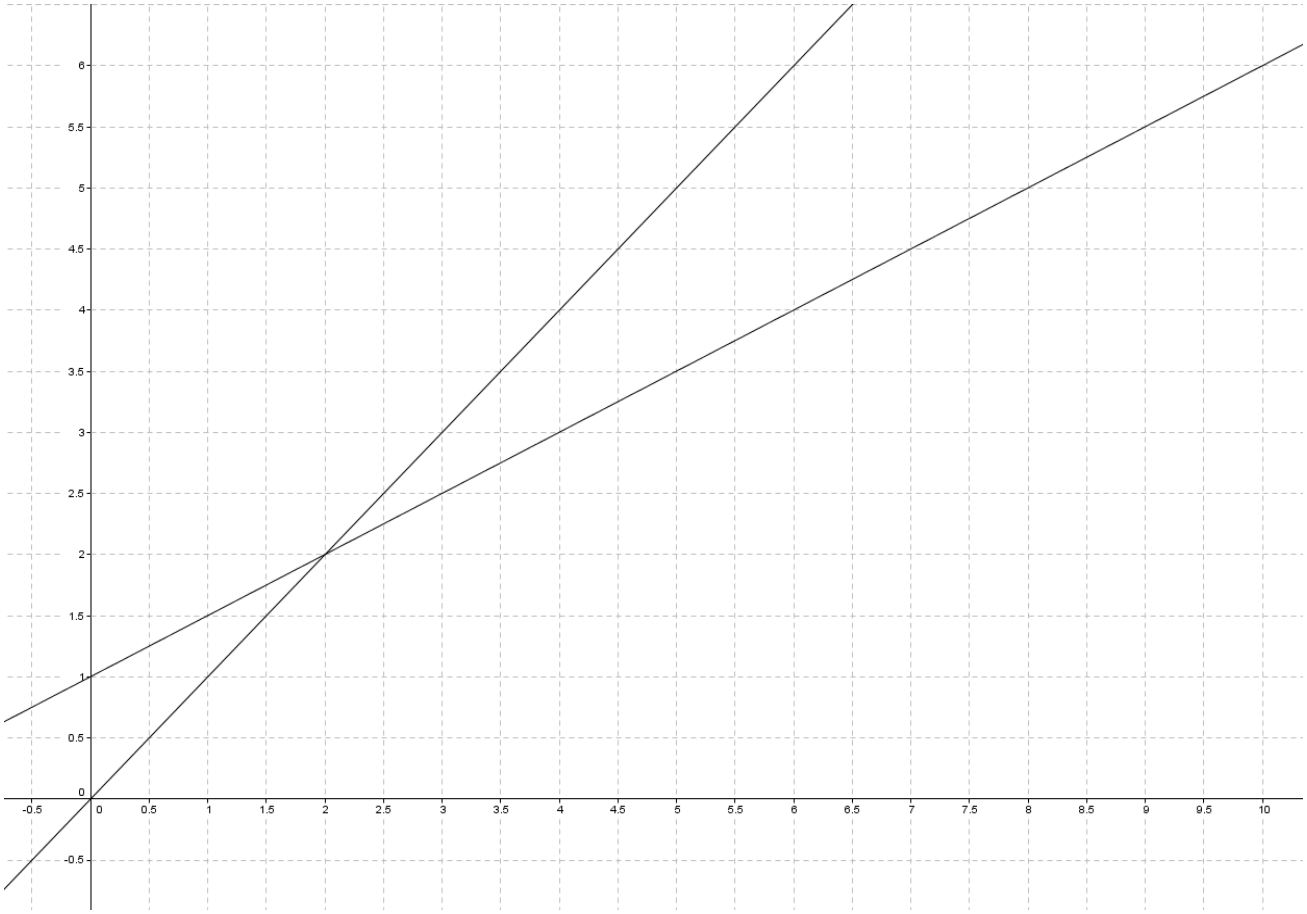
1°) $\begin{cases} \boldsymbol{U_0 = 5} \\ \boldsymbol{U_{n+1} = \frac{-2}{3} U_n + 5} \end{cases}$ $U_{n+1} = f(U_n)$ où $f(x) =$



2°) $\begin{cases} \boldsymbol{U_0 = \sqrt{2}} \\ \boldsymbol{U_{n+1} = \sqrt{3U_n + 2}} \end{cases}$ $U_{n+1} = f(U_n)$ où $f(x) =$



3°) $\begin{cases} \boldsymbol{U_0 = 0} \\ \boldsymbol{U_{n+1} = \frac{1}{4}U_n + 1,5} \end{cases}$ $U_{n+1} = f(U_n)$ où $f(x) =$



4°) $\begin{cases} \boldsymbol{U_0 = 10} \\ \boldsymbol{U_{n+1} = 1 + 0,5U_n} \end{cases}$ $U_{n+1} = f(U_n)$ où $f(x) =$