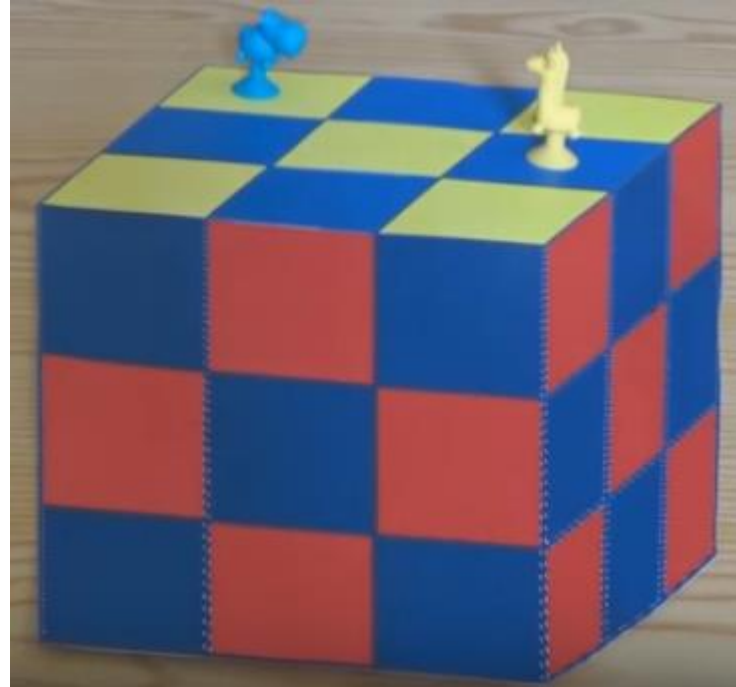


# Anamorphose

(déformation réversible d'une image à l'aide d'un système optique qui peut être une transformation mathématique-

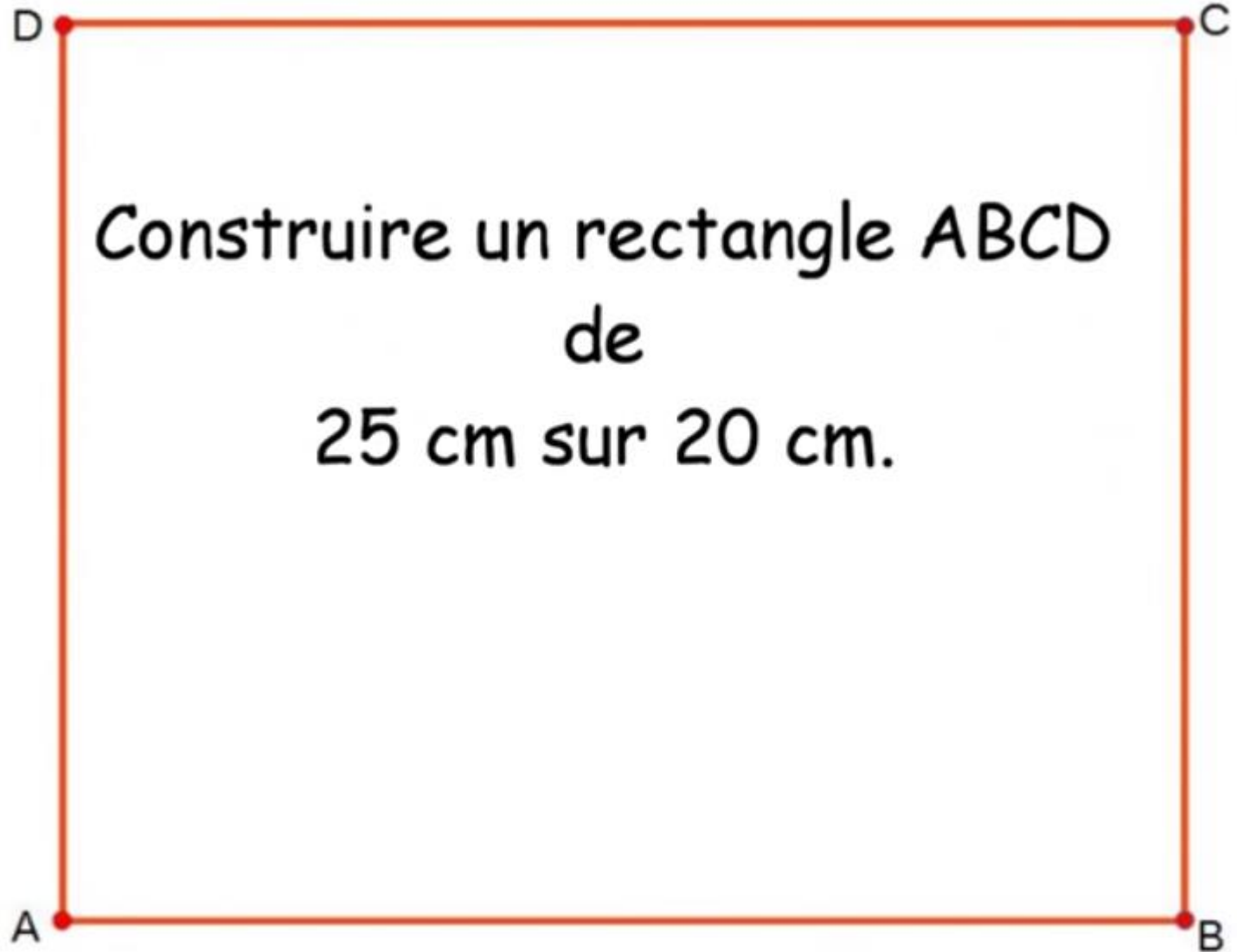
Le trompe l'œil est une forme d'anamorphose)

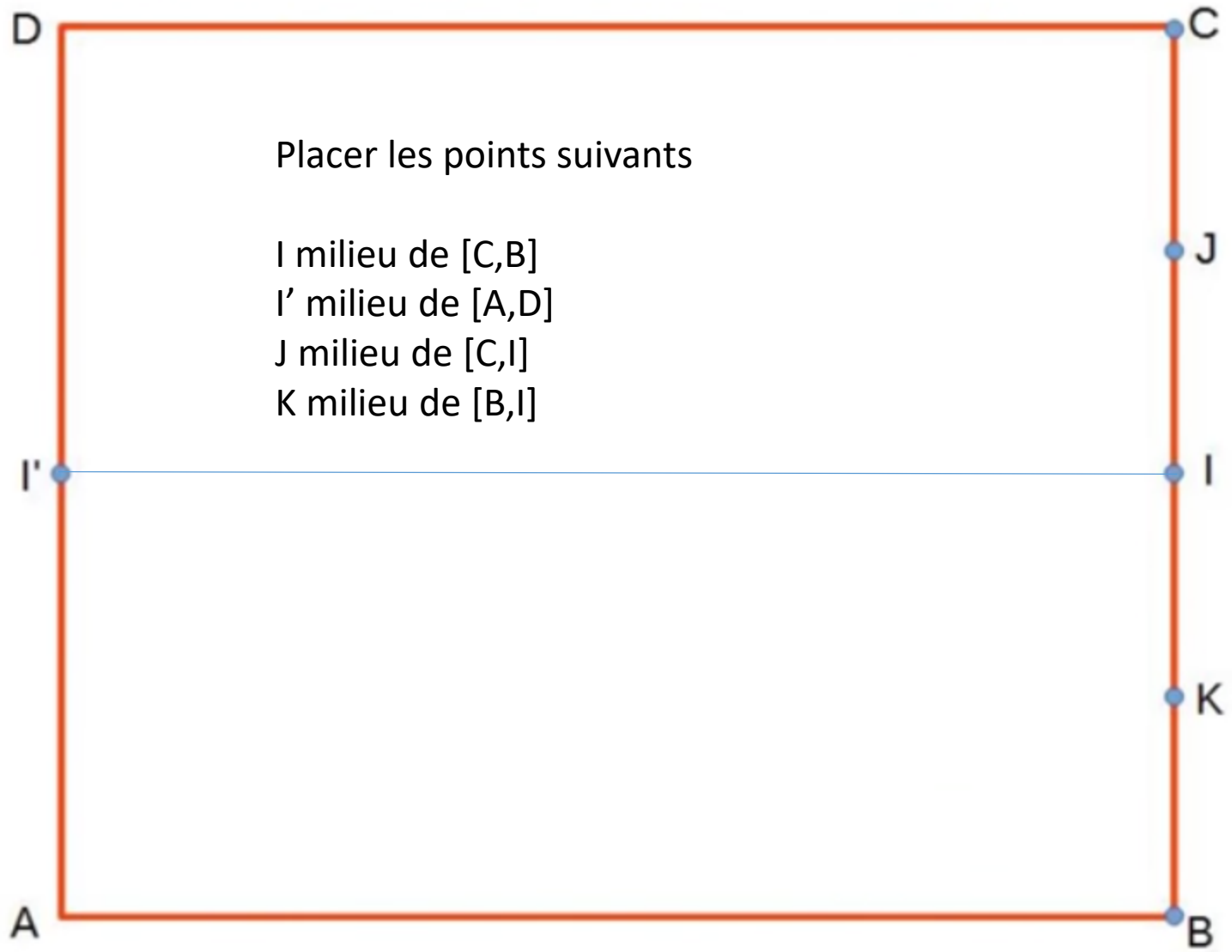
# L'anamorphose en géométrie

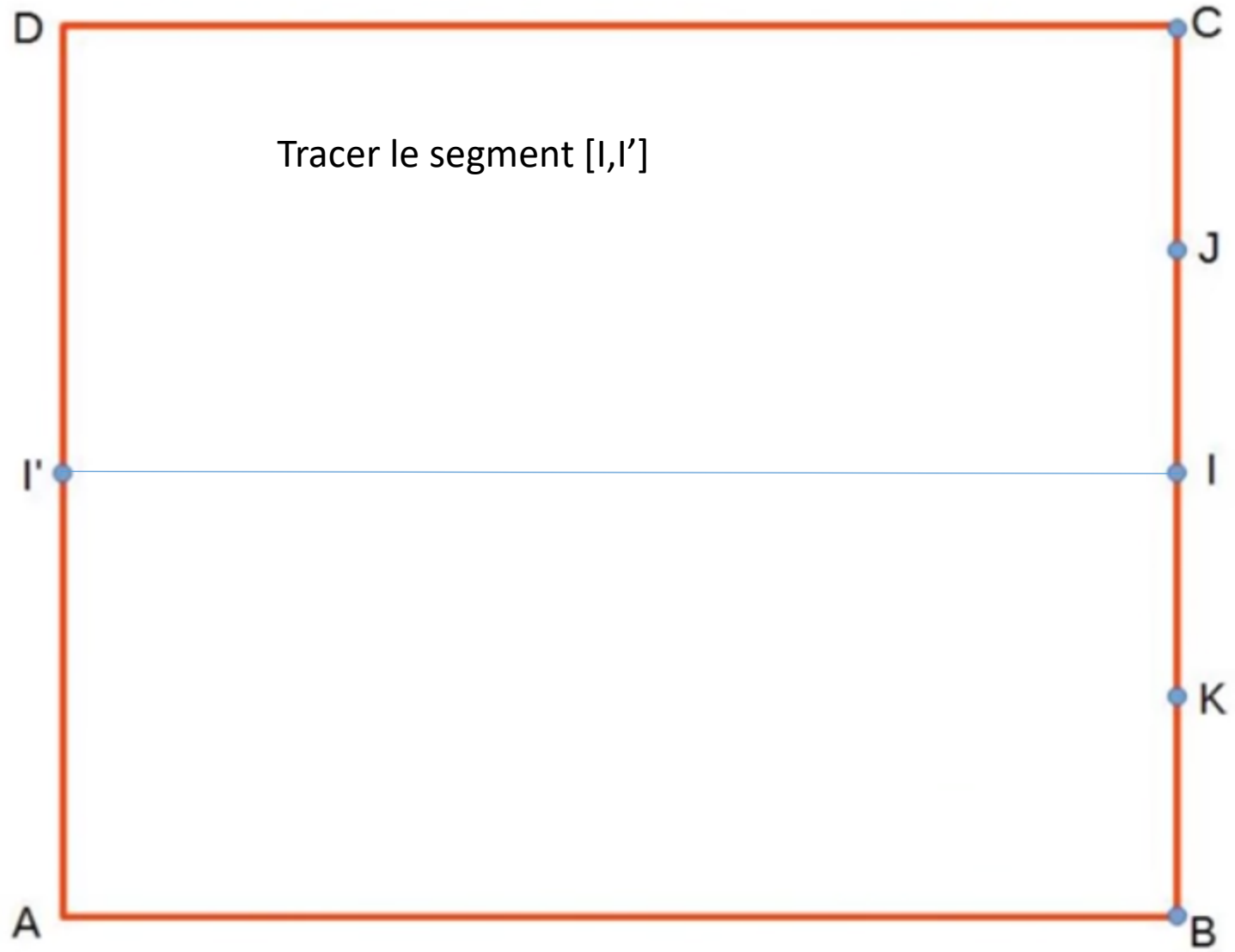


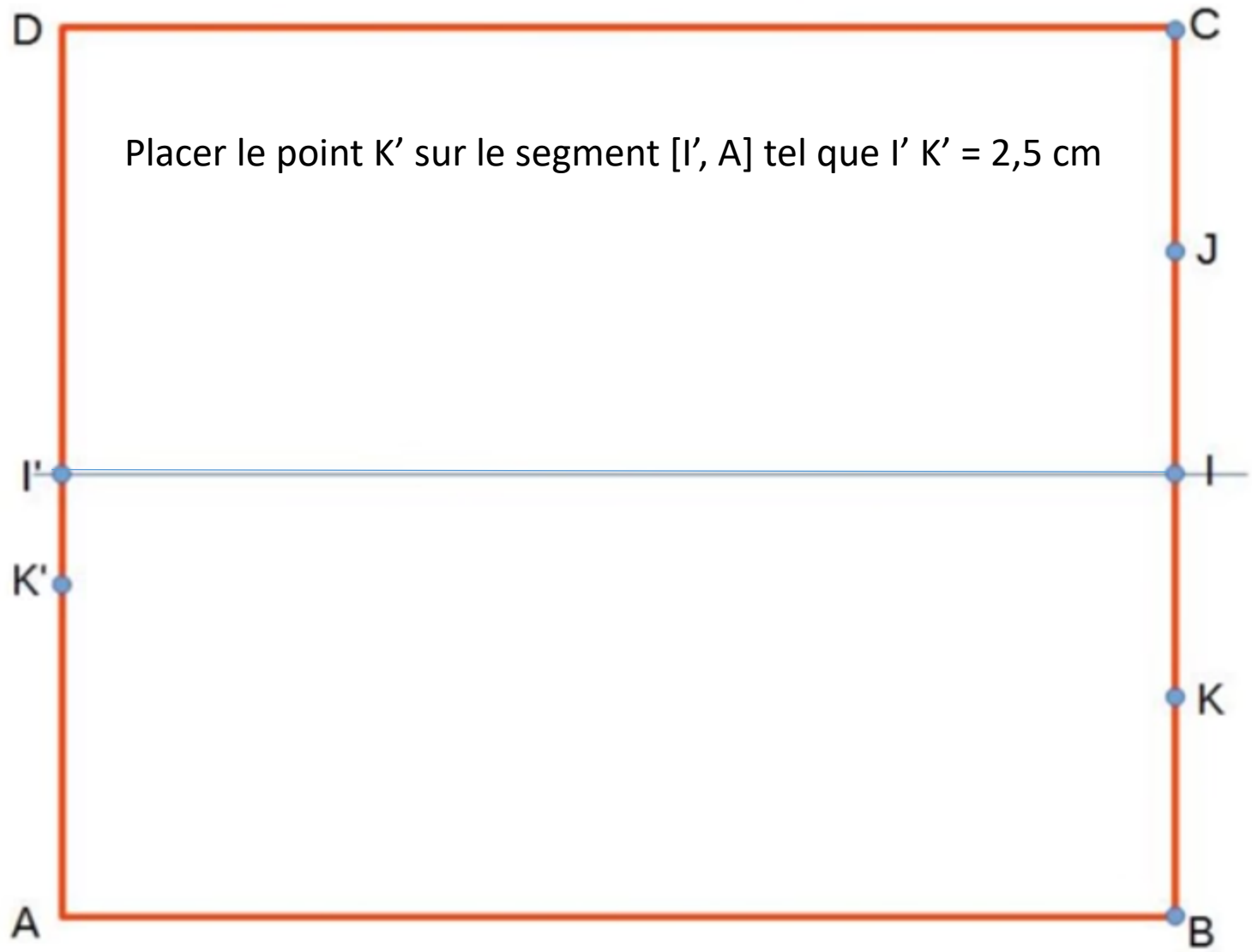
[https://www.youtube.com/watch?time\\_continue=1&v=xeRsZP4UYc&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=1&v=xeRsZP4UYc&feature=emb_logo)

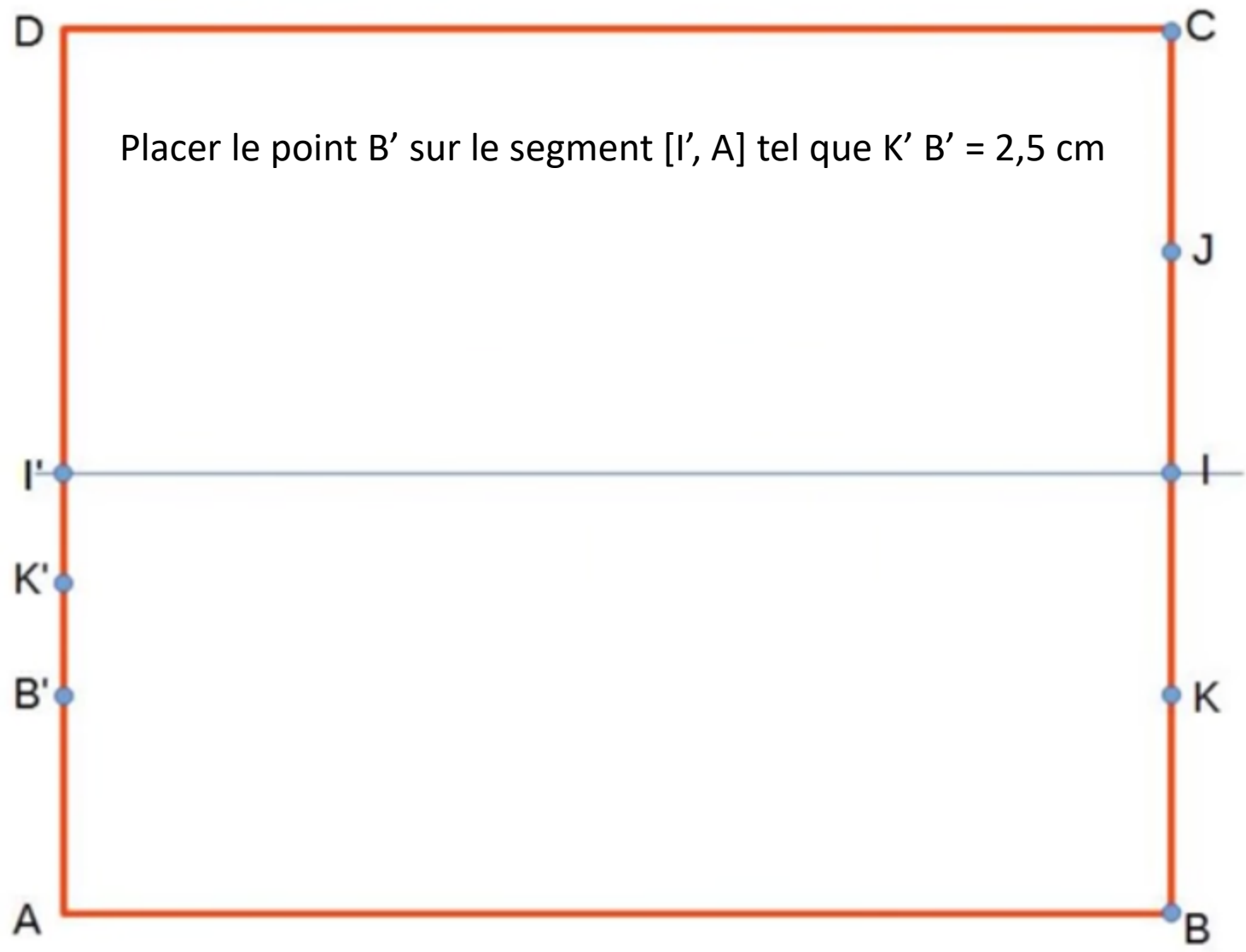
## Programme de construction

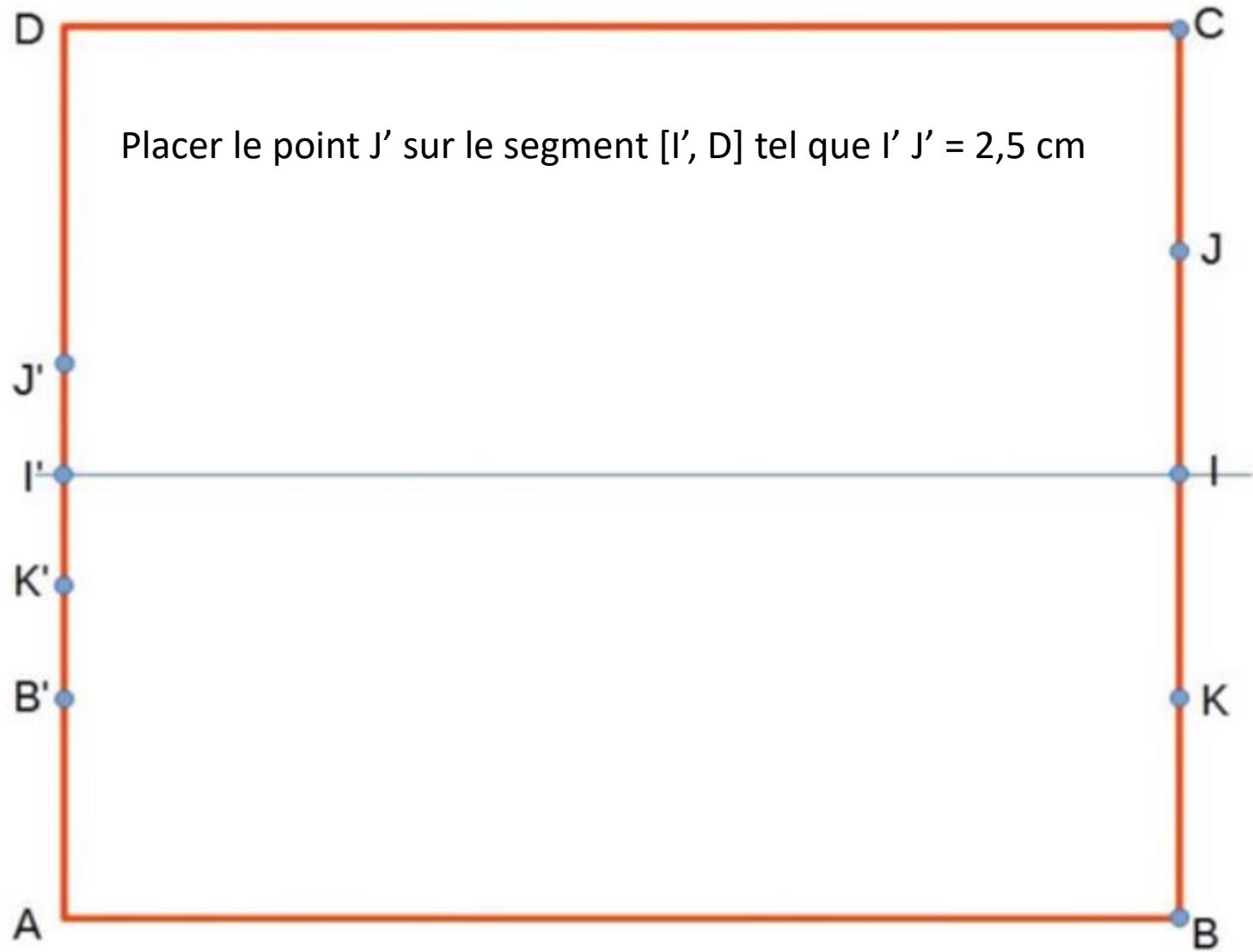






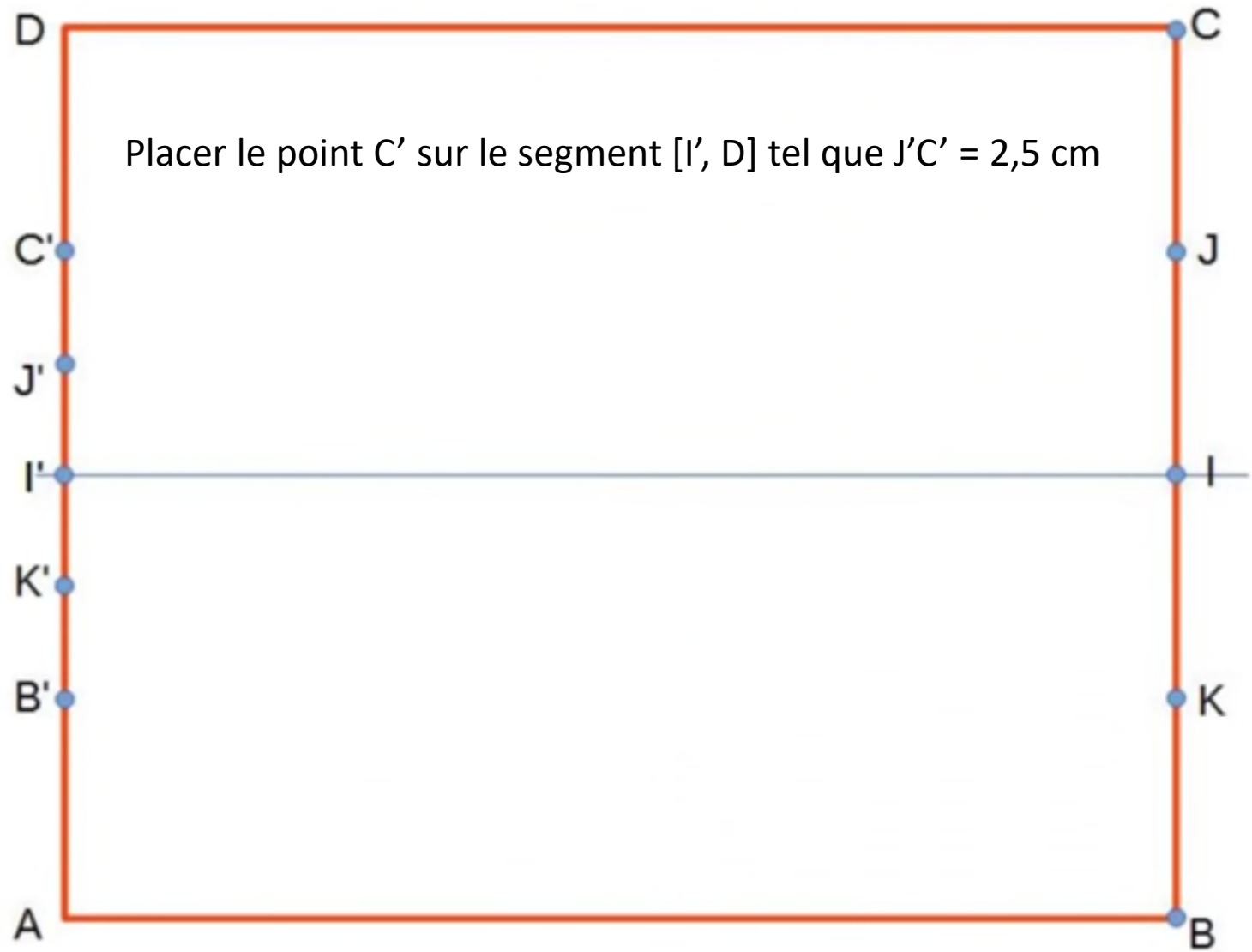




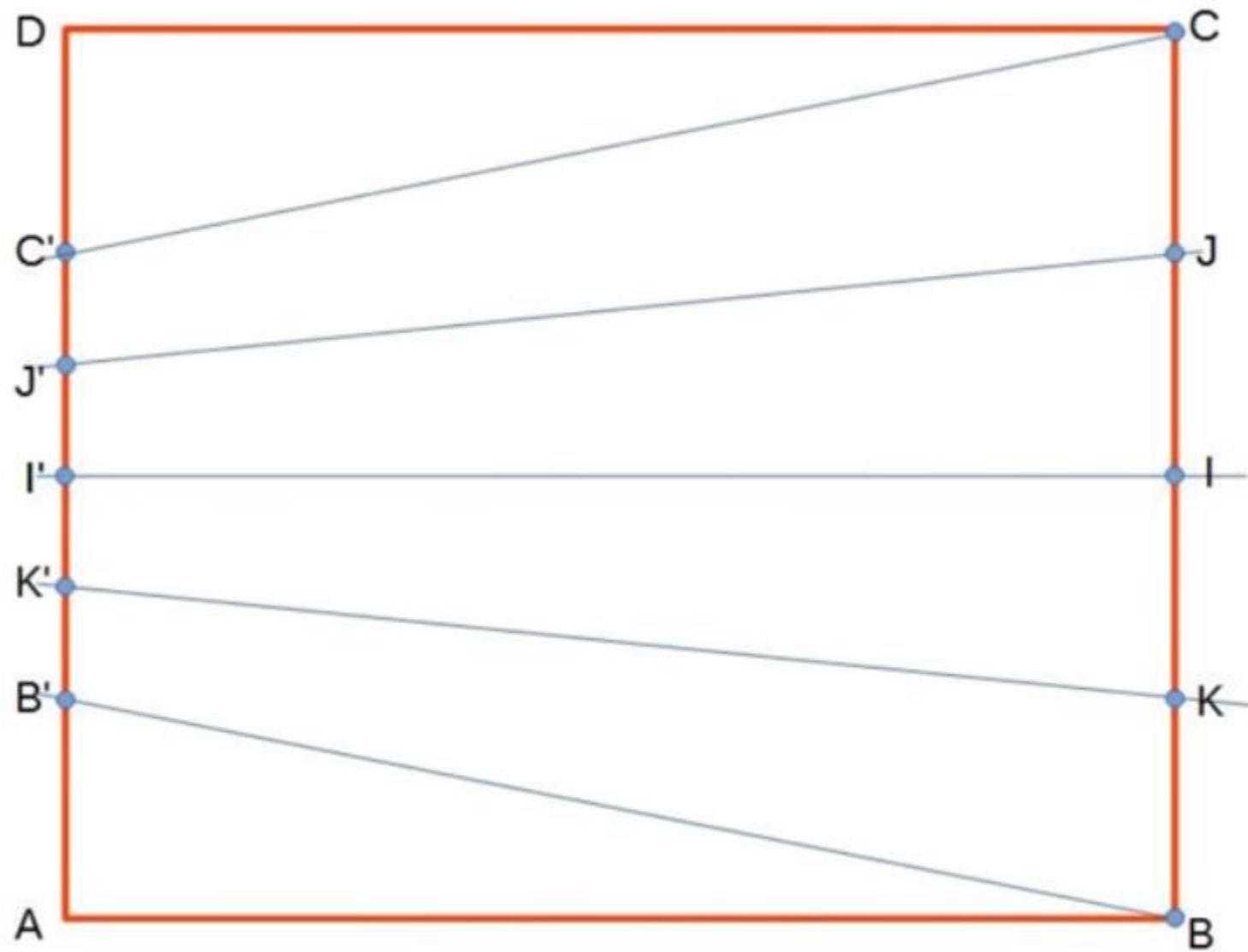


Placer le point  $J'$  sur le segment  $[I', D]$  tel que  $I' J' = 2,5$  cm

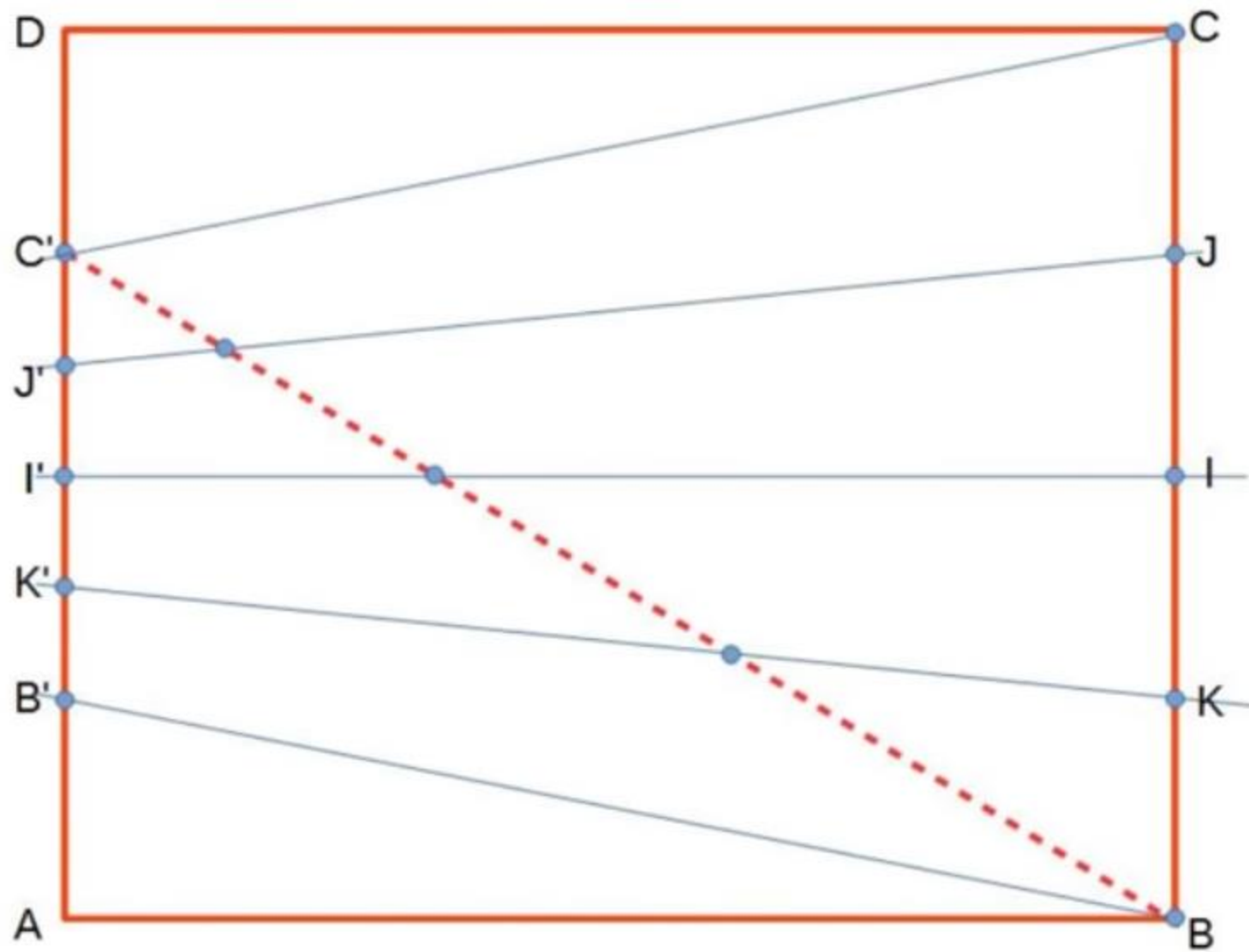




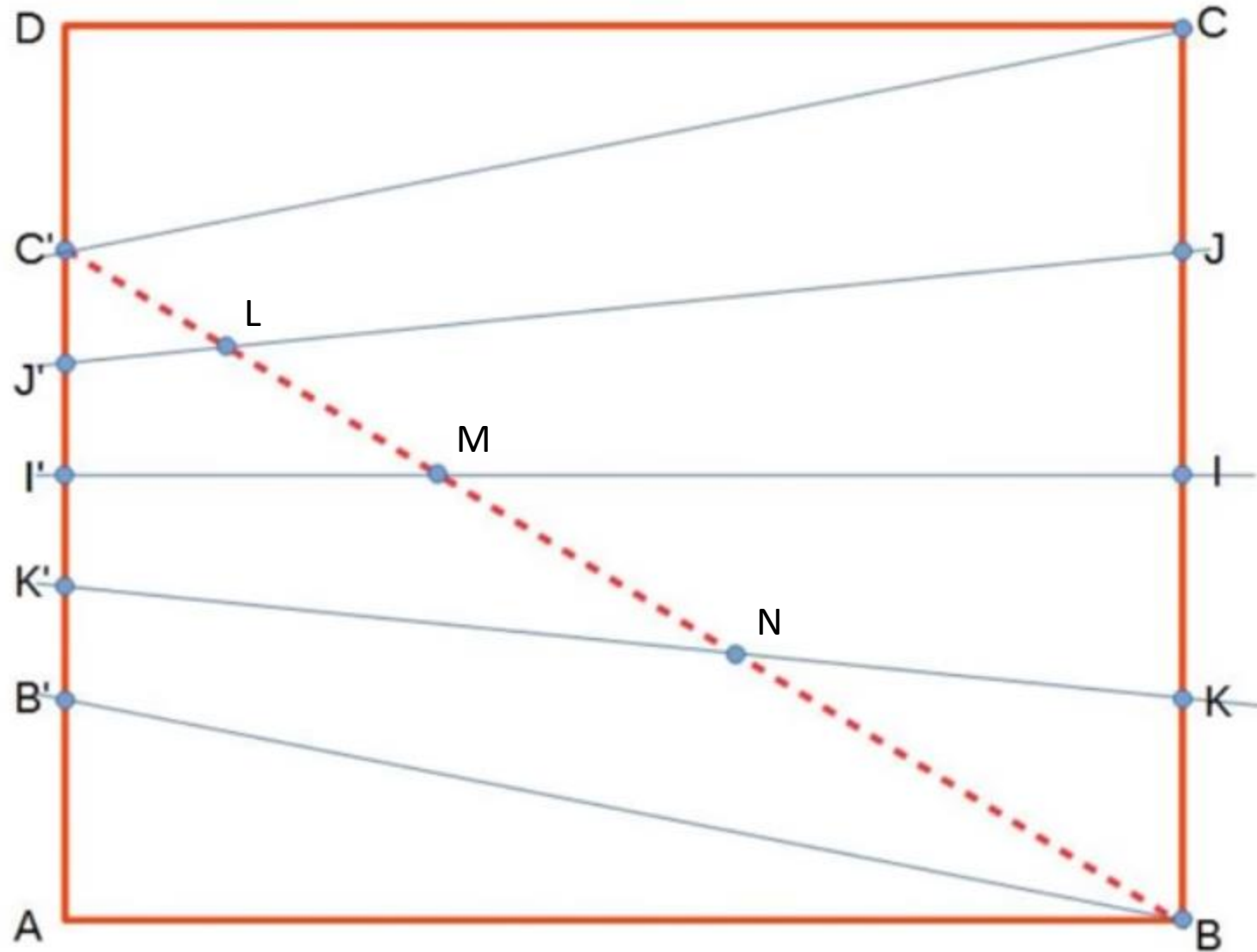
Tracer les segments  $[C', C]$ ,  $[J', J]$ ,  $[K', K]$ ,  $[B', B]$



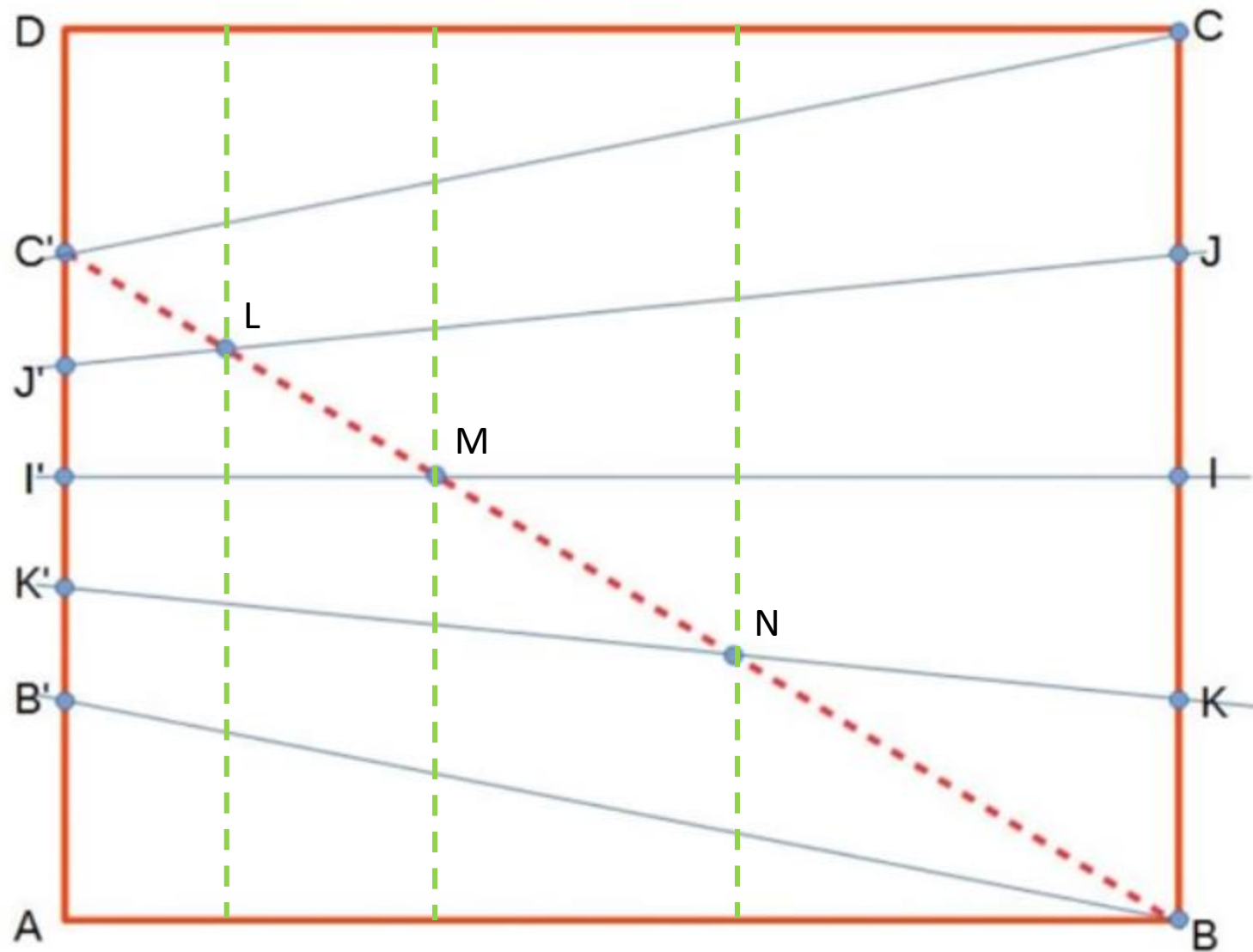
Tracer le segment  $[C', B]$



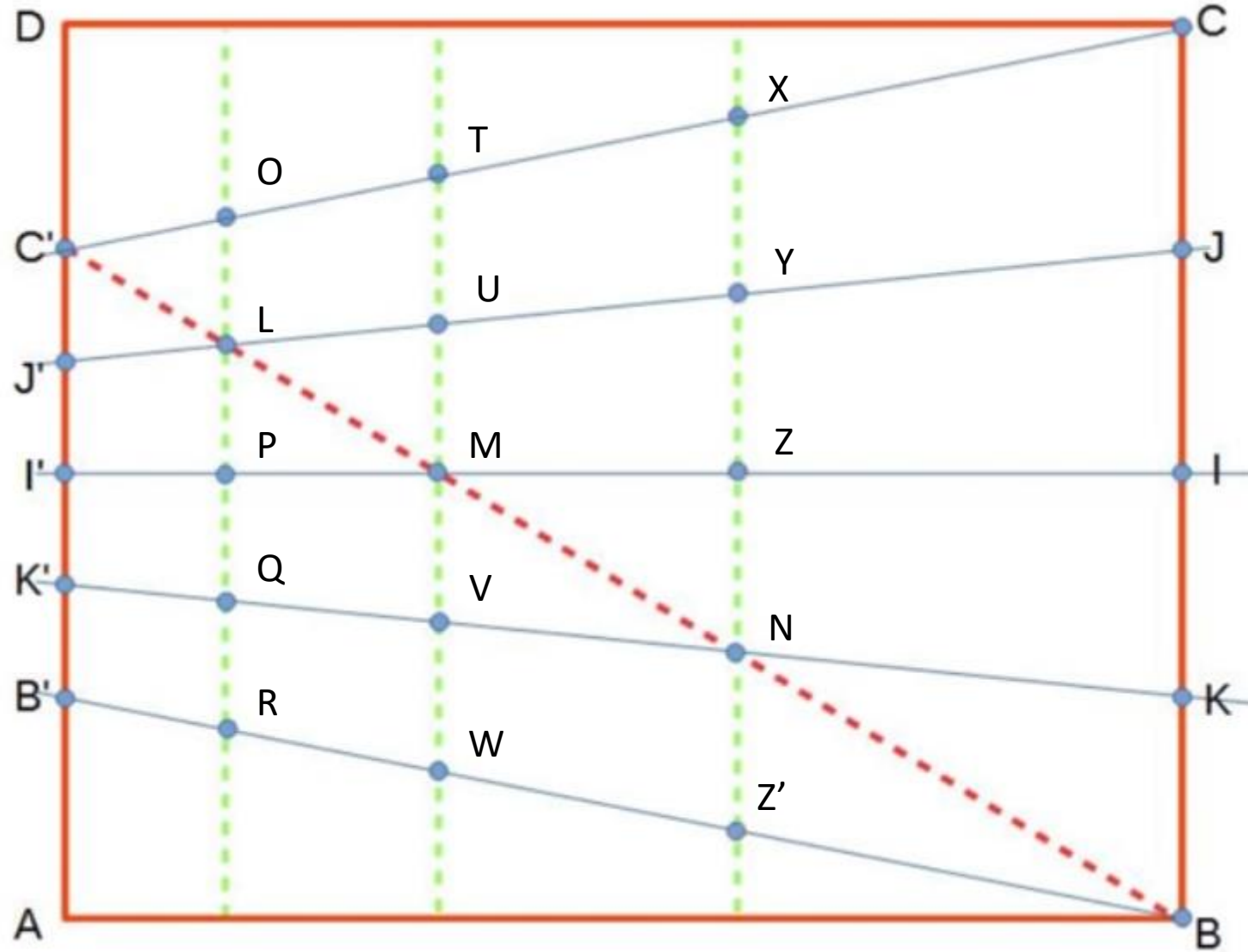
Nommer L, M, N les points d'intersection entre  $[C', B]$  et  $[J', J]$ ,  $[I', I]$ ,  $[K', K]$



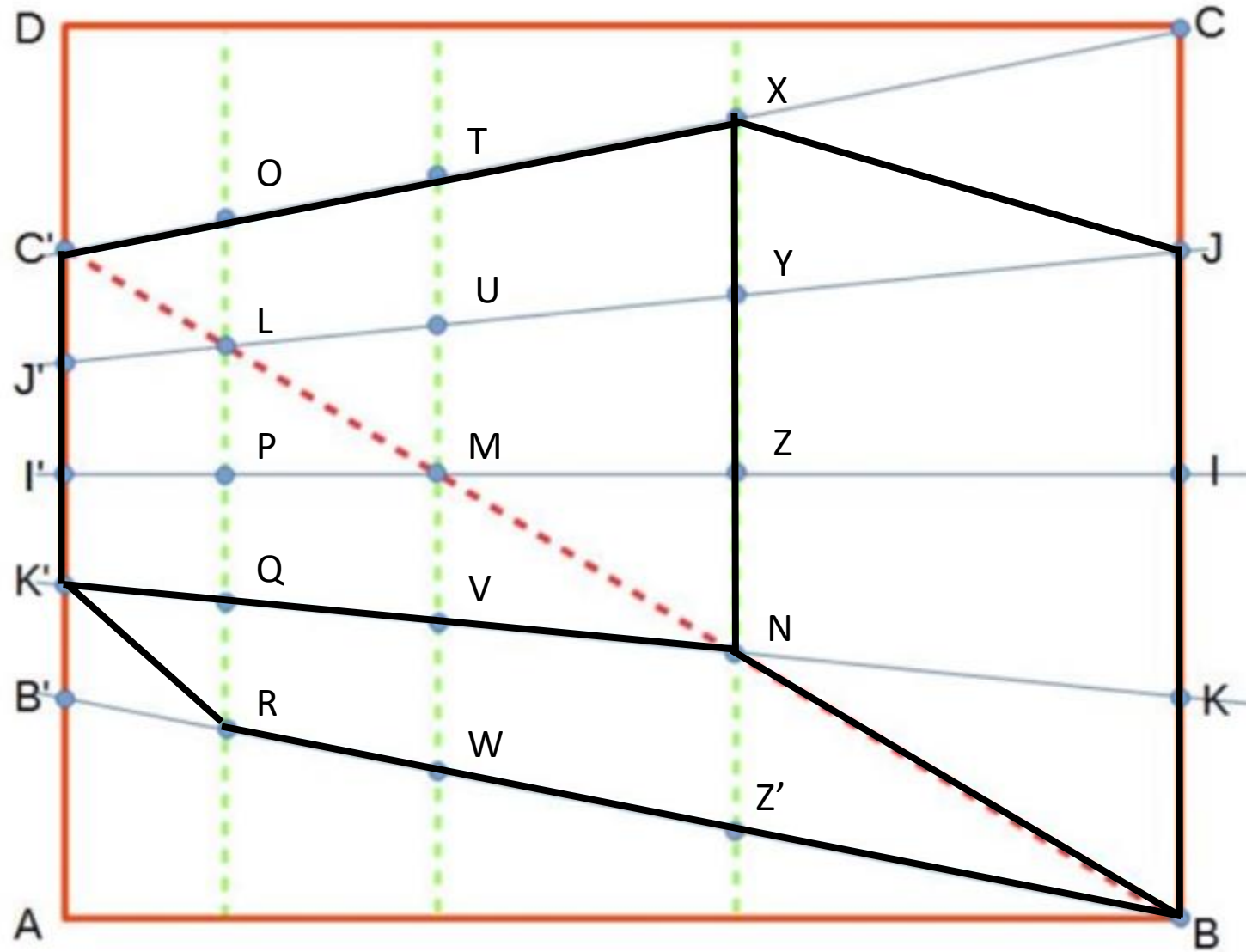
Tracer les parallèles à  $[A, D]$  passant par L, M et N



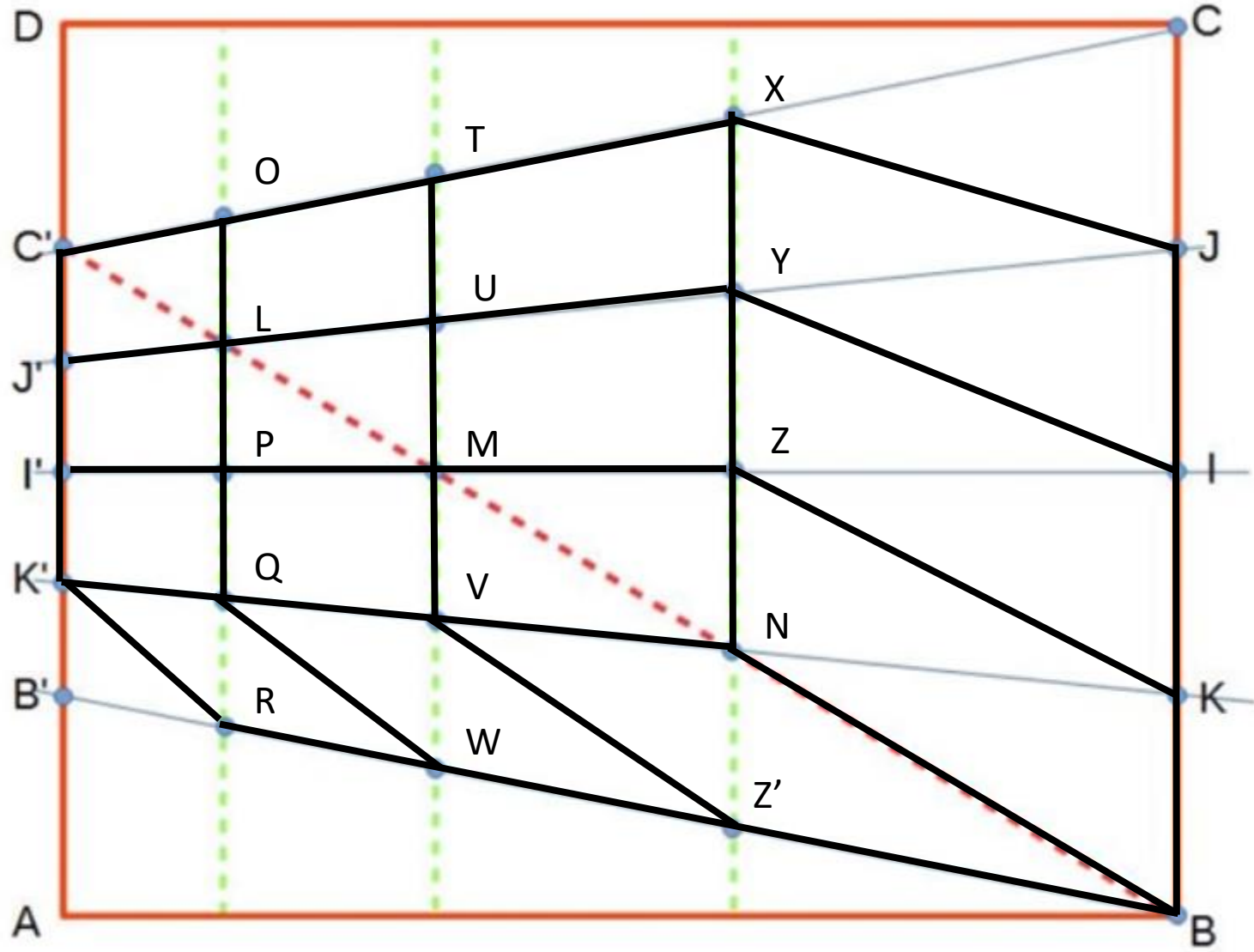
Nommer O, P, Q, R, S, T, U, V, W, X, Y, Z, Z' les points  
d'intersection avec  $[C', C]$  et  $[J', J]$ ,  $[I', I]$ ,  $[K', K]$  et  $[B', B]$



Tracer en noir  $[C', X]$ ,  $[X, N]$ ,  $[N, K']$ ,  $[K', C]$  puis  $[K', R]$ ,  $[N, B]$ ,  $[X, J]$ ,  $[R, B]$ , et  $[J, B]$

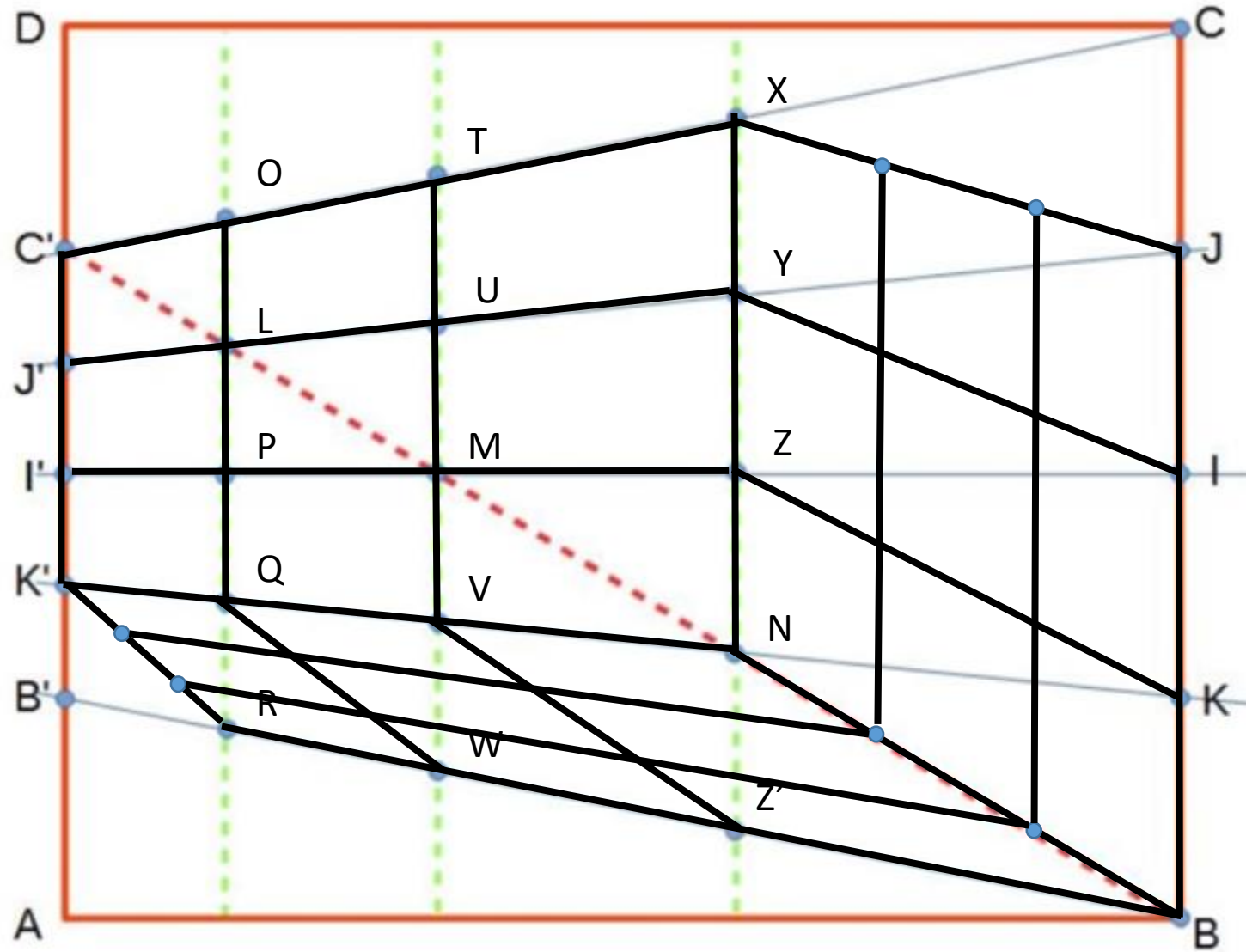


Tracer en noir [O, Q], [Q, W], [T, V], [V, Z'], [J', Y] et [I', Z] puis [Y, I] et [Z, K]

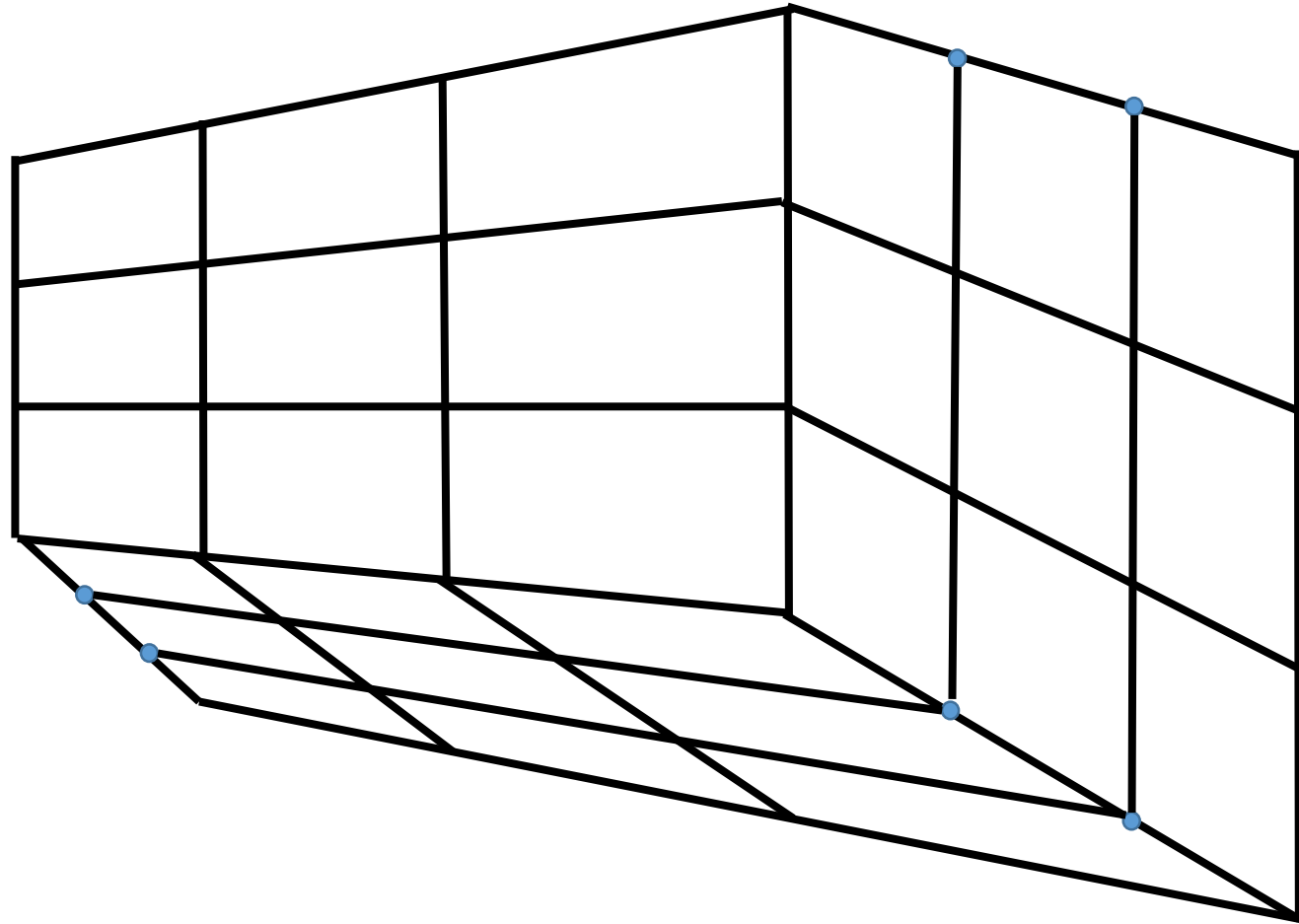




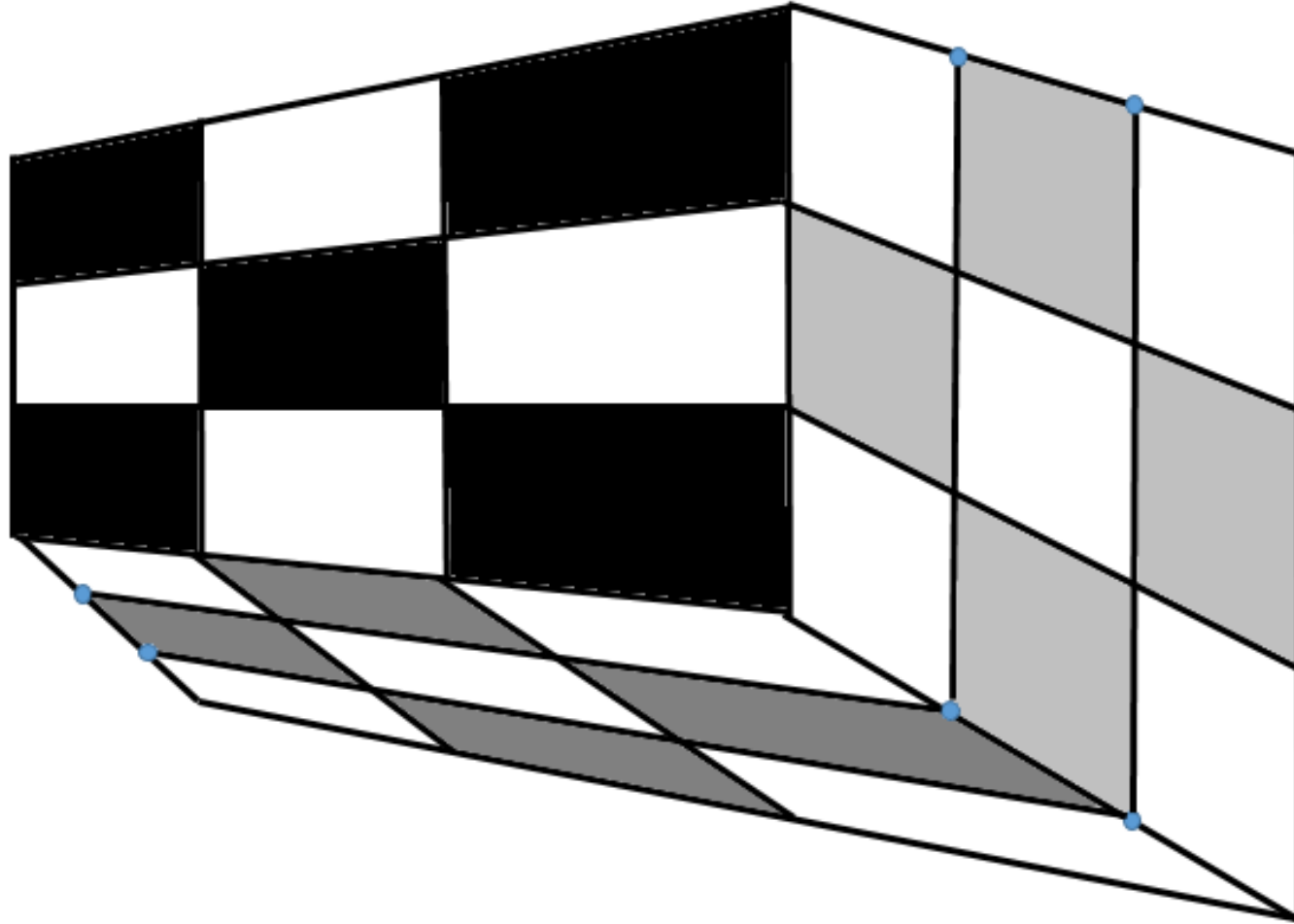
Partager  $[K, R]$  et  $[N, B]$  et  $[X, J]$  en 3 puis relier



Découper



Colorier



# L'anamorphose dans les arts



<https://bernardpras.fr/videos/>