

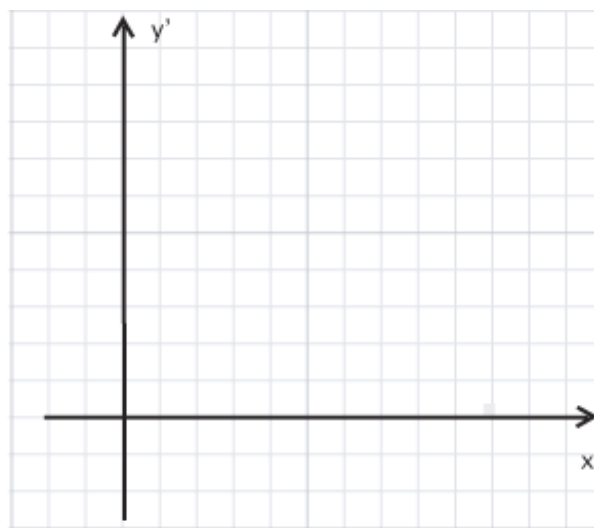
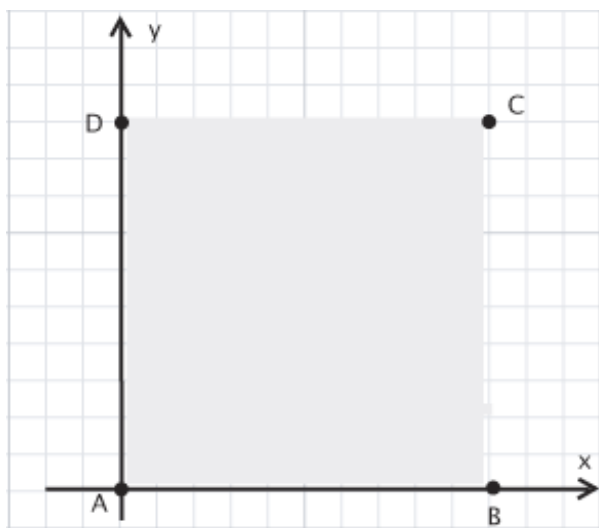
TAVOLA 19

Esercizio

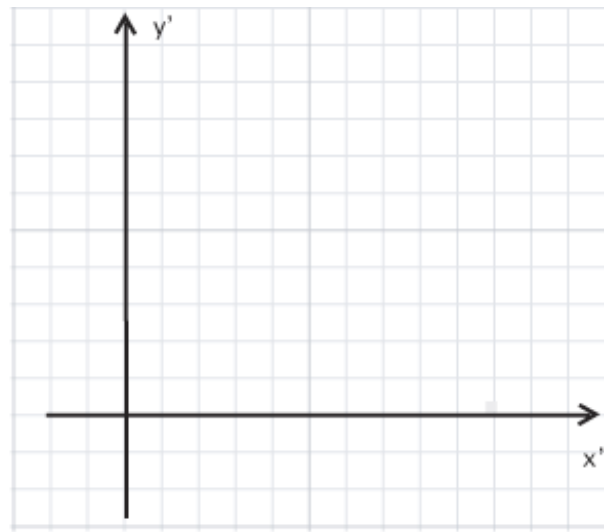
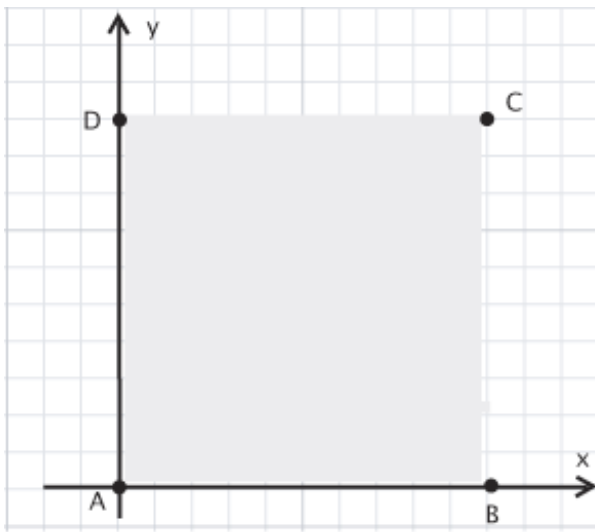
Le seguenti trasformazioni affini intervengono nella costruzione della foglia di felce frattale.



Trova nei due casi l'immagine del quadrato di vertici $A=(0,0)$, $B=(1,0)$, $C=(1,1)$, $D=(0,1)$



$$\begin{cases} x' = 0.2x - 0.26y + 0.408 \\ y' = 0.23x + 0.22y + 1.0 \end{cases}$$



$$\begin{cases} x' = -0.5x - 0.28y + 0.57 \\ y' = 0.26x + 0.24y + 0.44 \end{cases}$$