



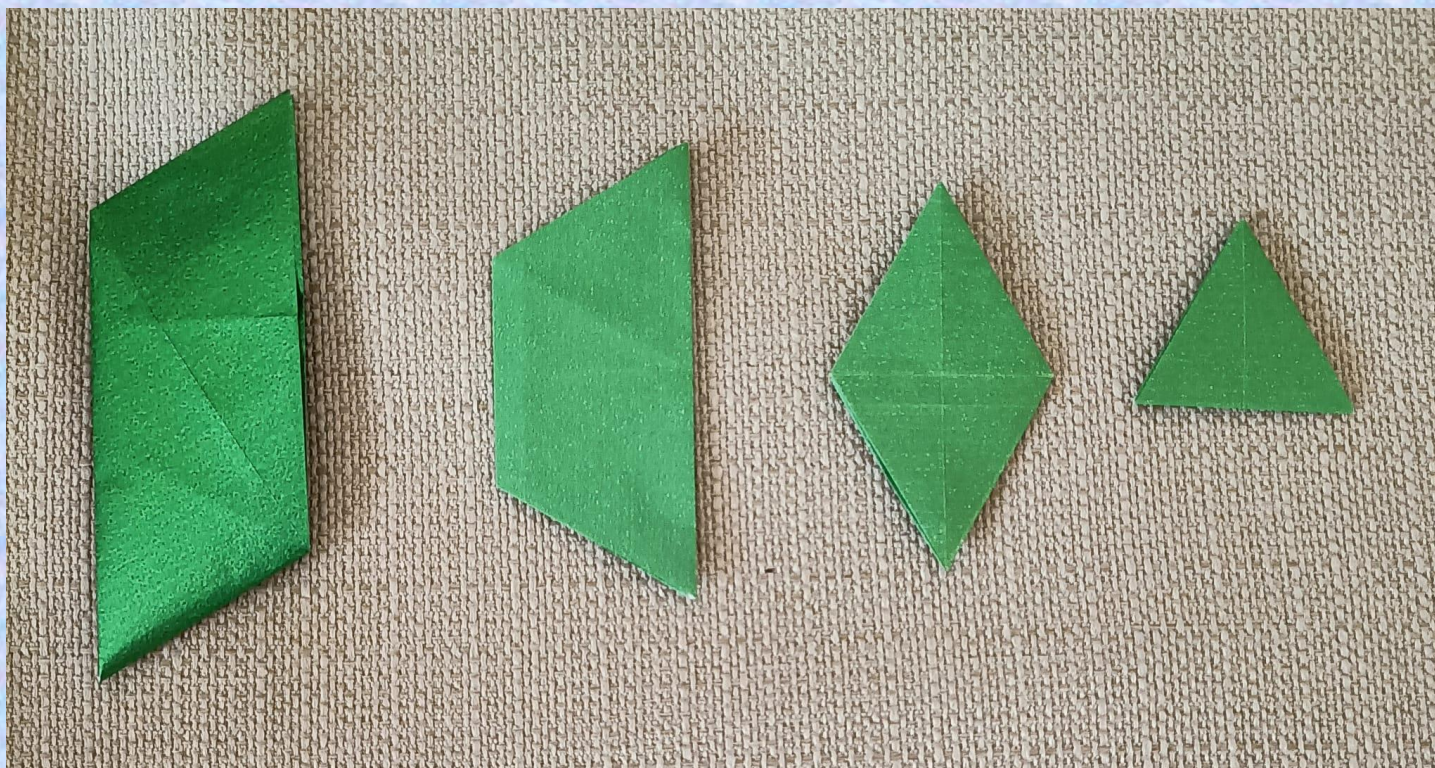
OriNidaZoom

Incontri online sulla didattica con l'origami

4 3 2 1 *Si ricomincia!*

di Francesco Decio e Stefania Serre

*Tutto ebbe inizio con 4
tesserine*



*Nulla di così originale, si
potrebbe pensare...*



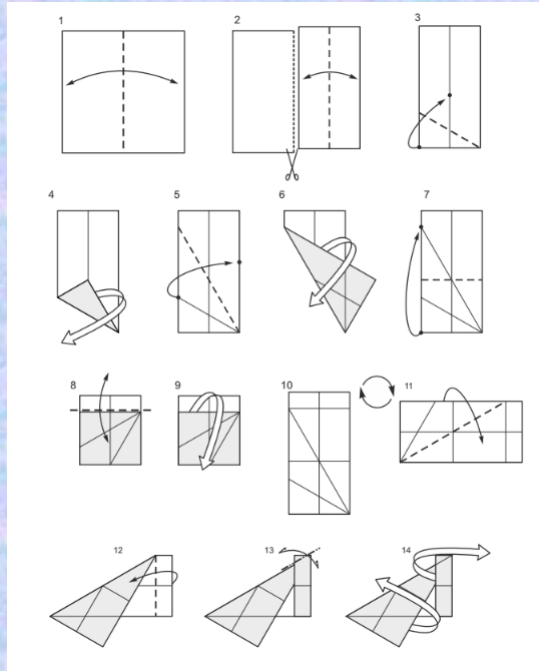
*Custodiscono
nelle loro forme
tanta bellezza matematica*



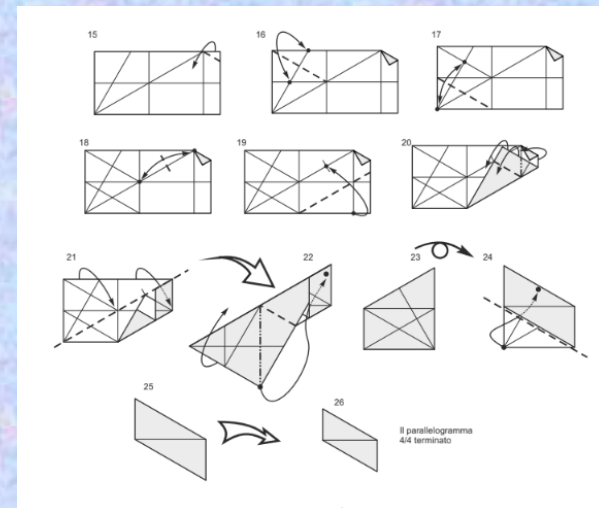
Partiamo da 4...



Partiamo da 4...



i diagrammi...

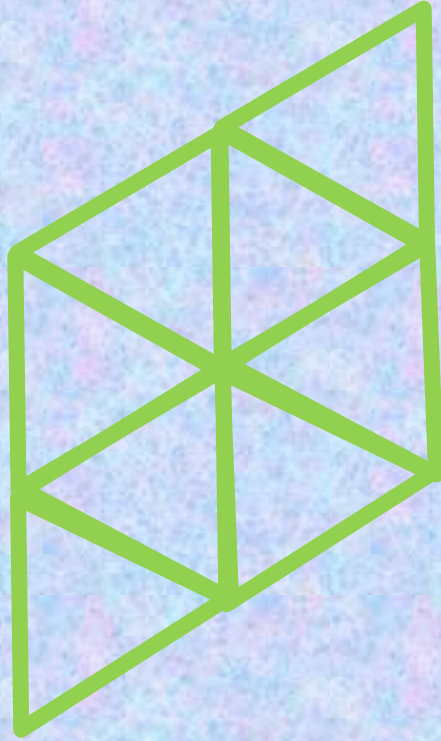


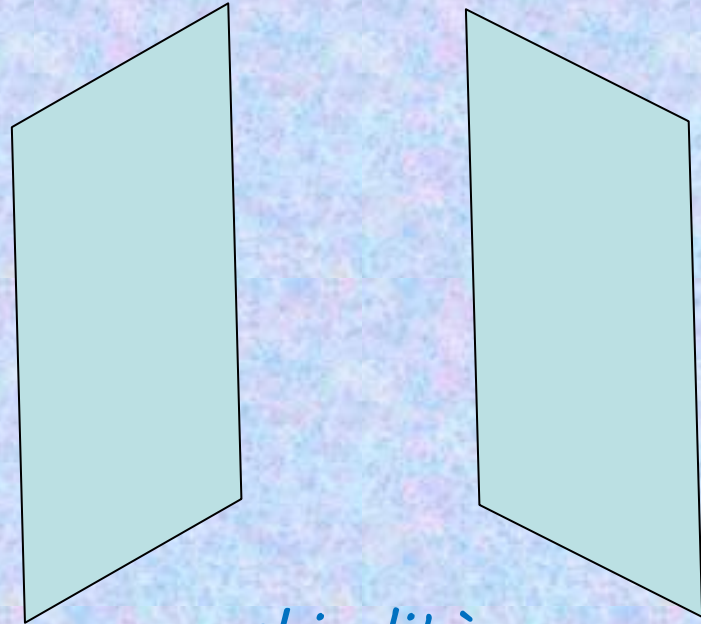
Due moduli



Due moduli







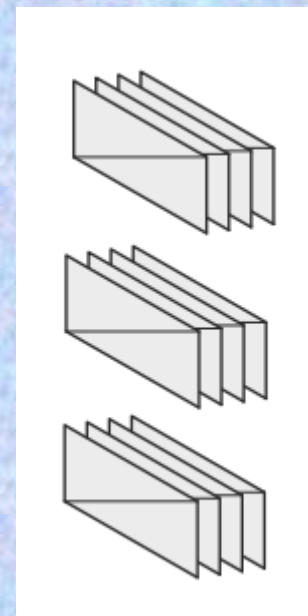
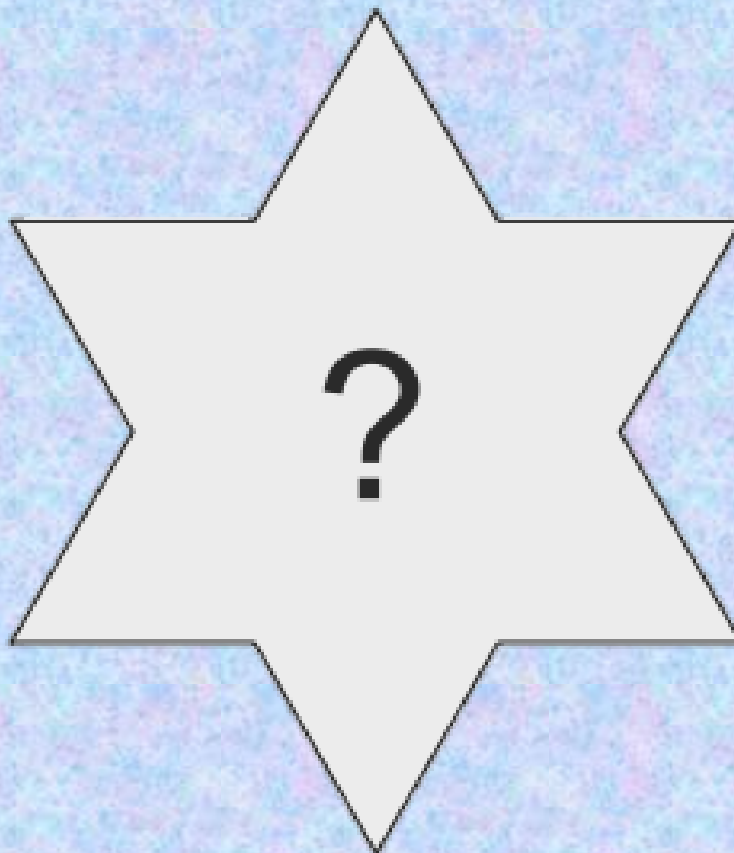
chiralità

Enantiomorfe (di forma opposta)

Due moduli



Una piccola sfida



Una piccola sfida



Passiamo a 3 ...



Passiamo a 3 ...



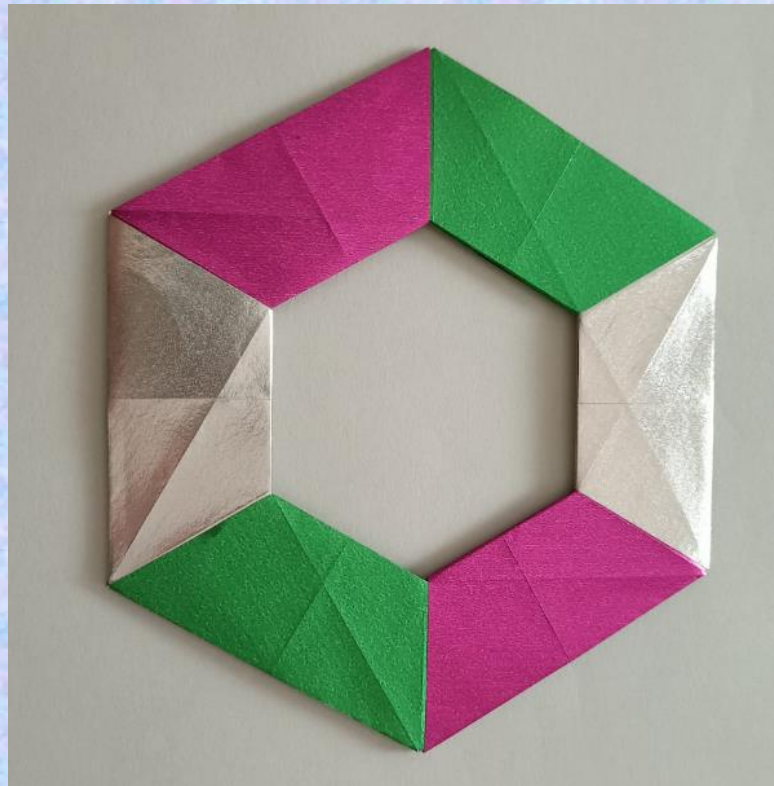
Ha asse di simmetria: non è chirale

Passiamo a 3 ...



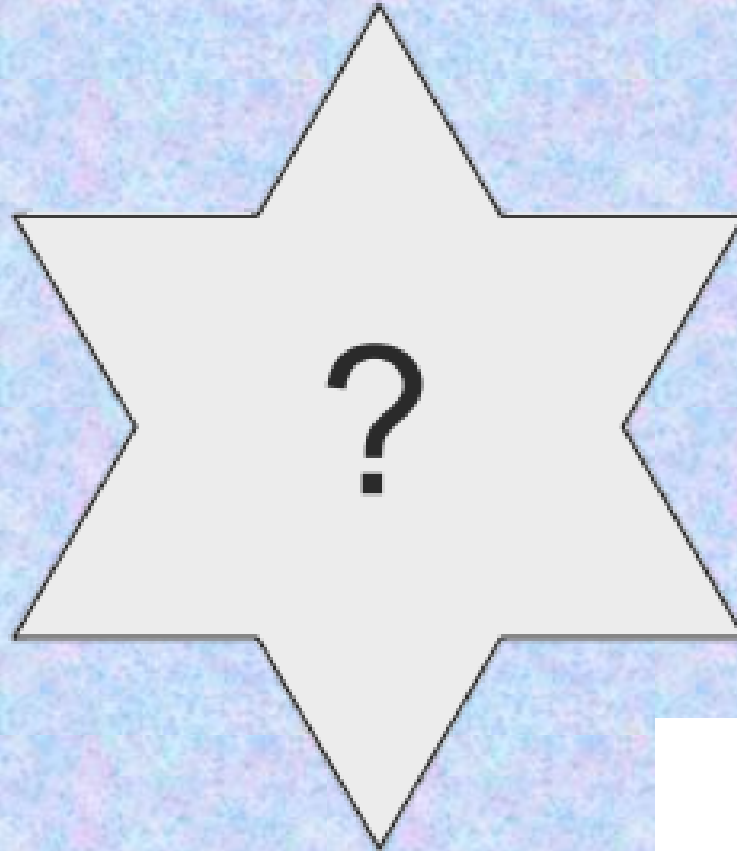
Trapezio rep-tile

Passiamo a 3 ...



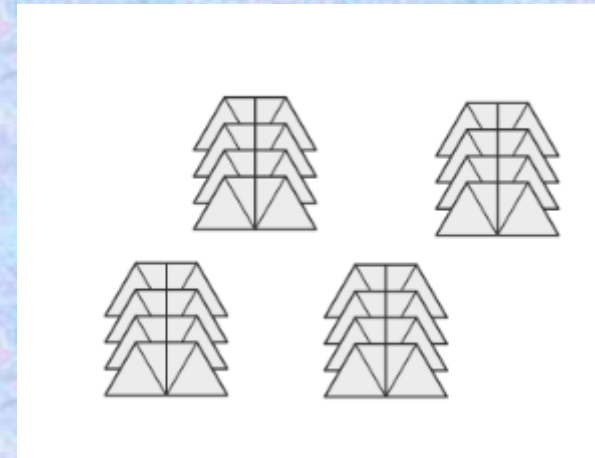
Rapporti tra aree

Una seconda sfida

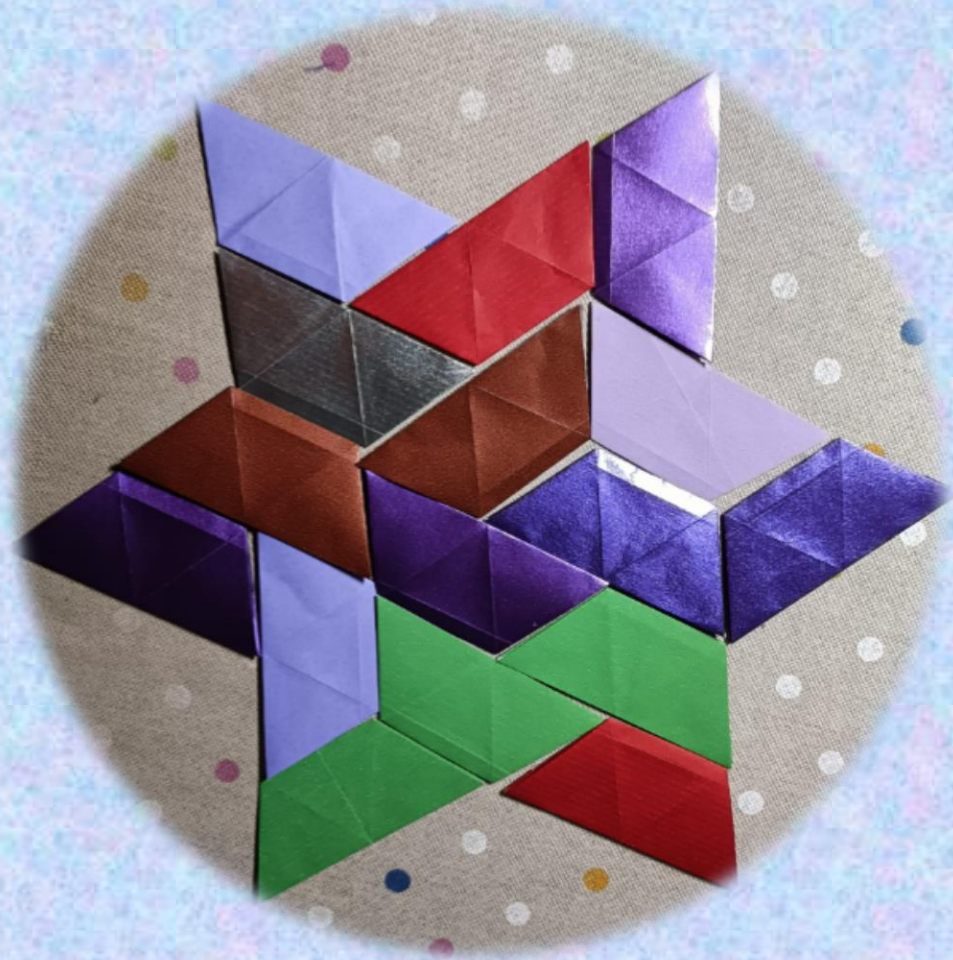


Trapezio = $\frac{3}{4}$ parallelogramma

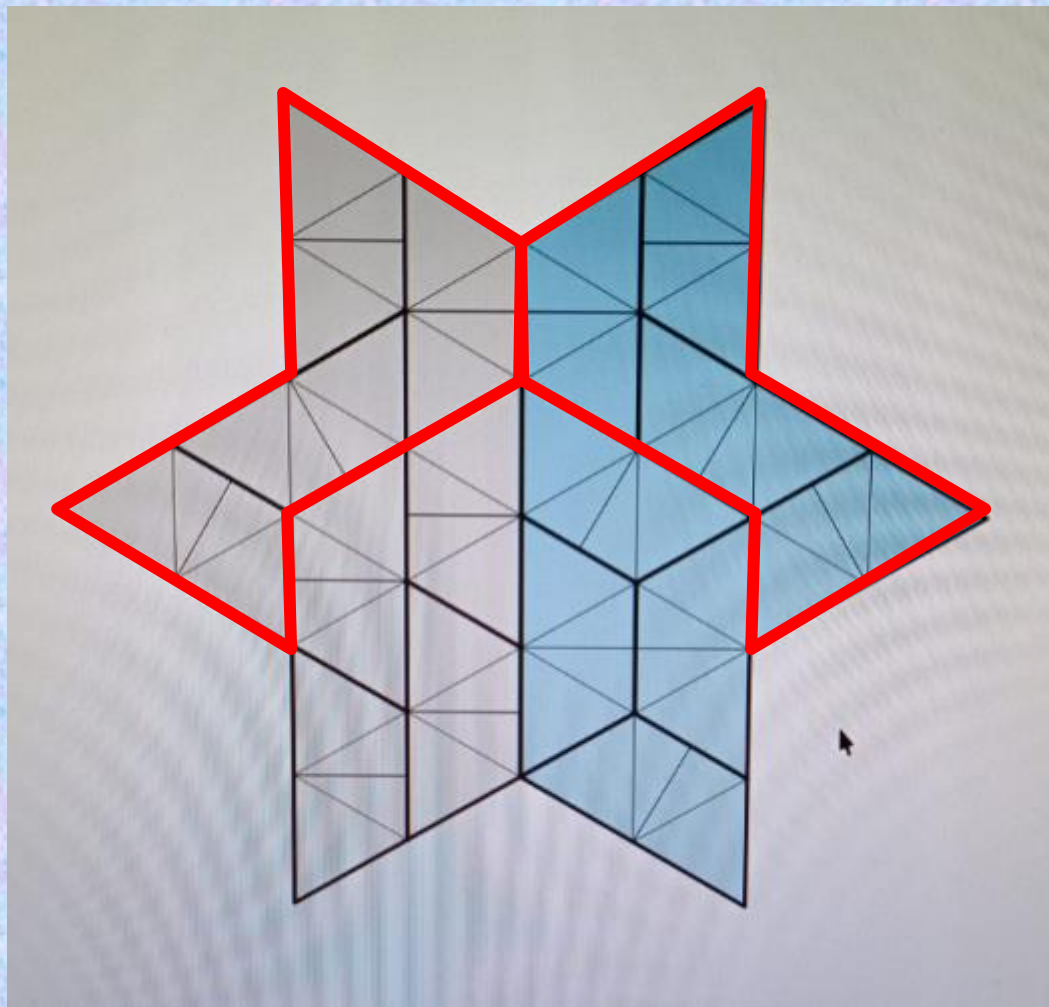
4 Trapezi = 3 parallelogrammi



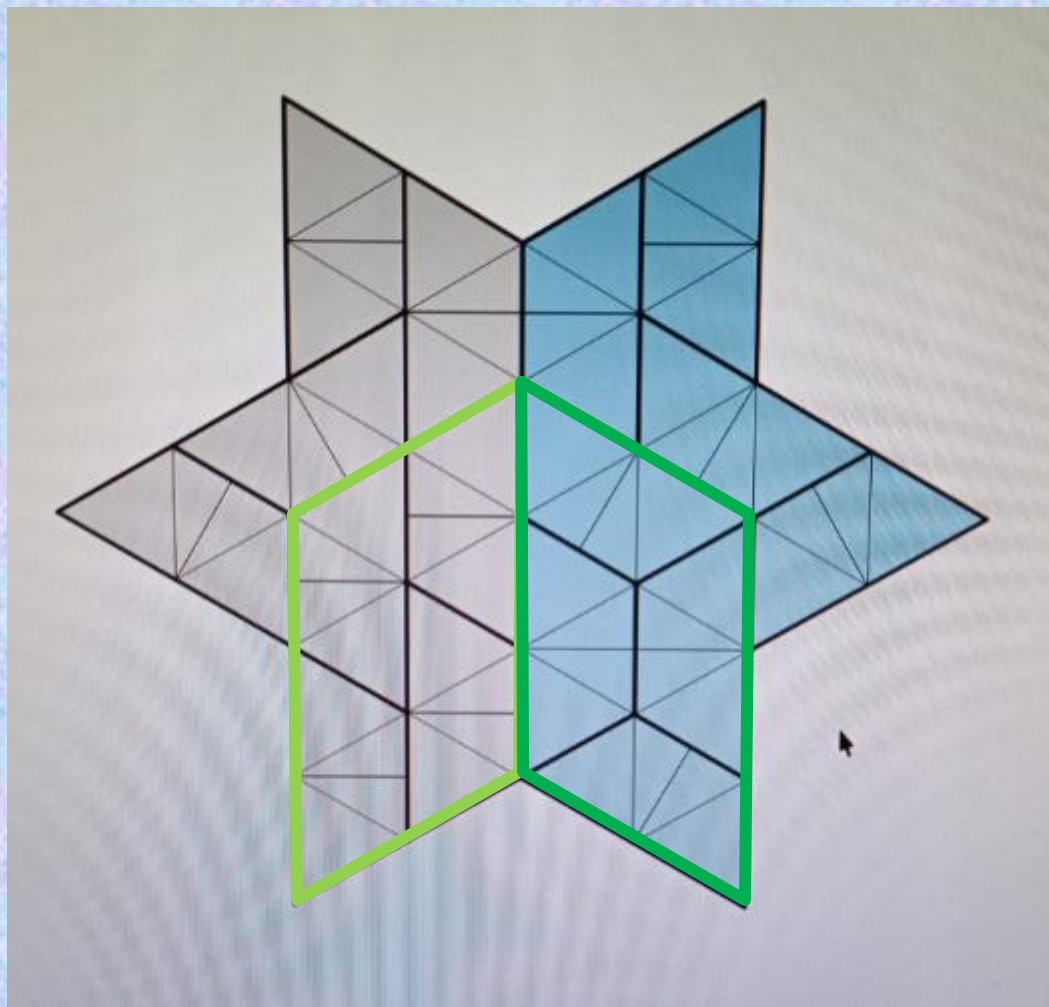
Una seconda sfida



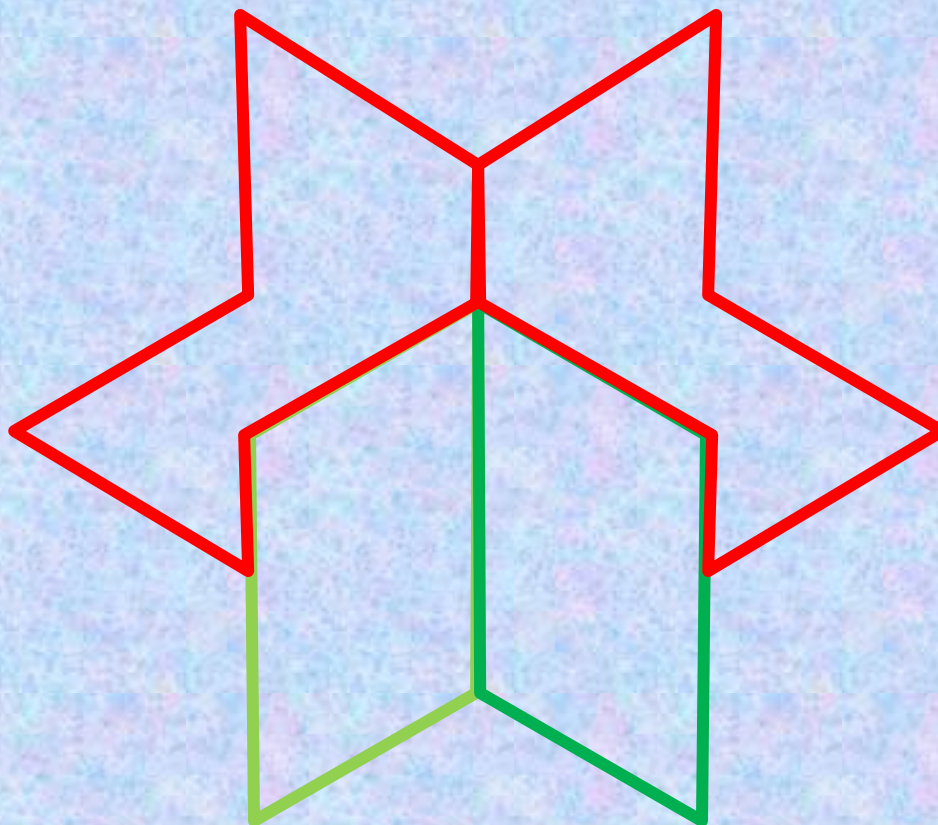
Una seconda sfida



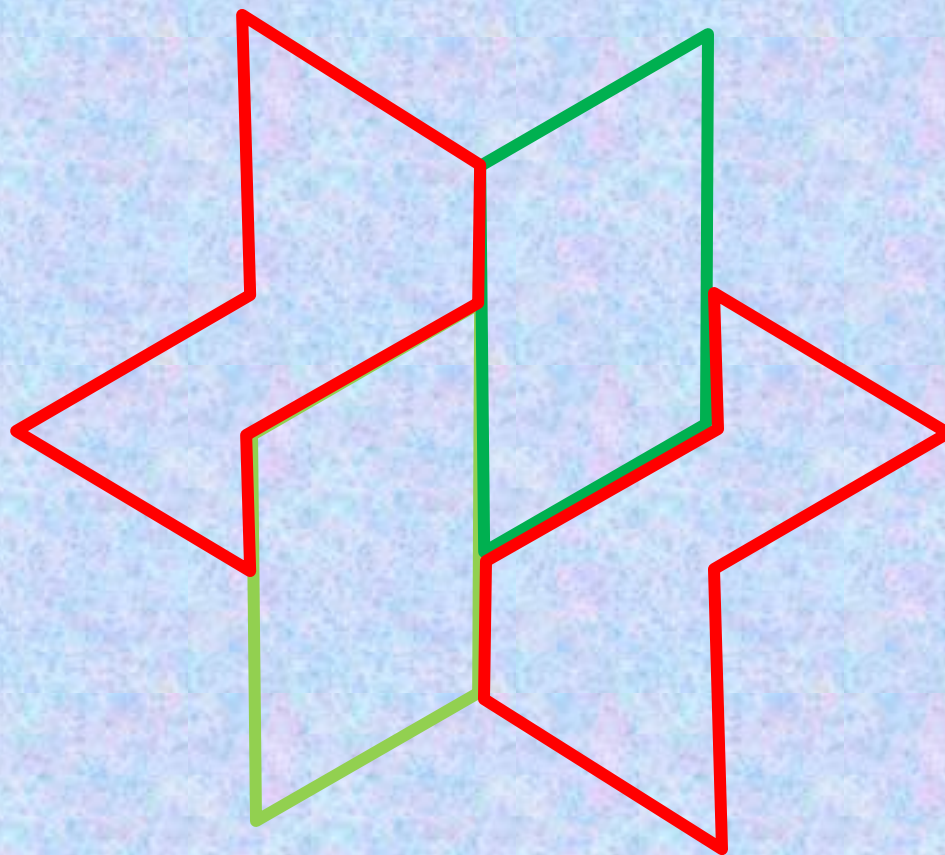
Una seconda sfida



Una seconda sfida



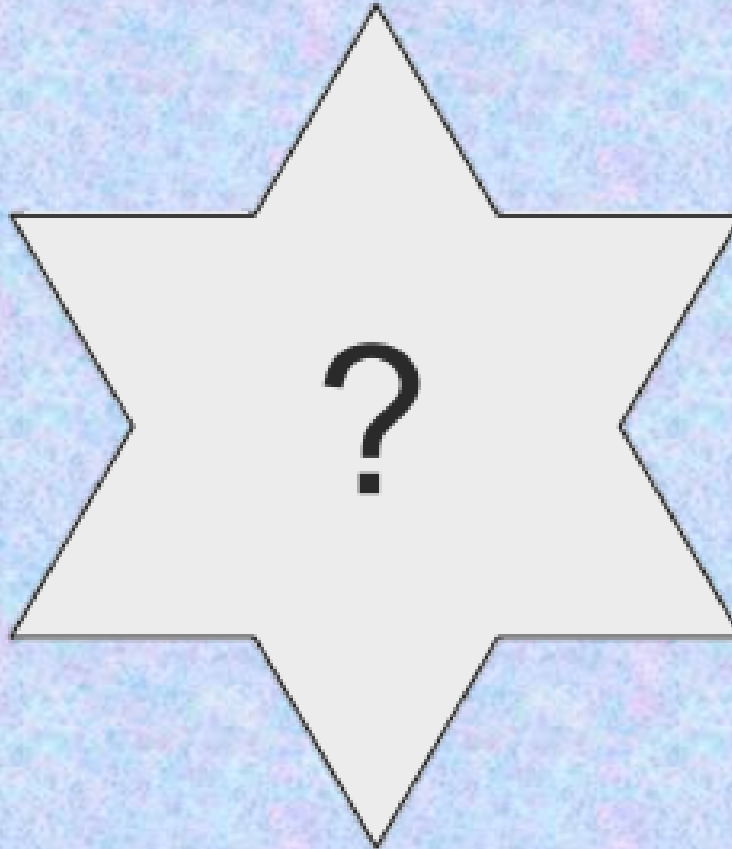
Una seconda sfida



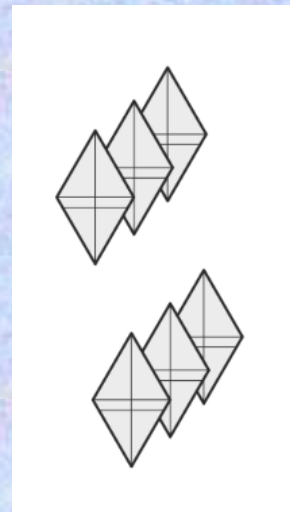
Tocca a 2 ...



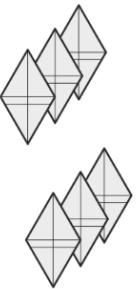
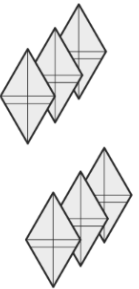
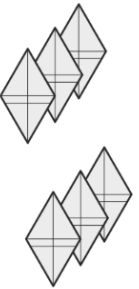
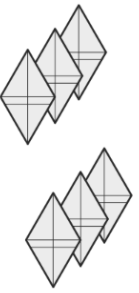
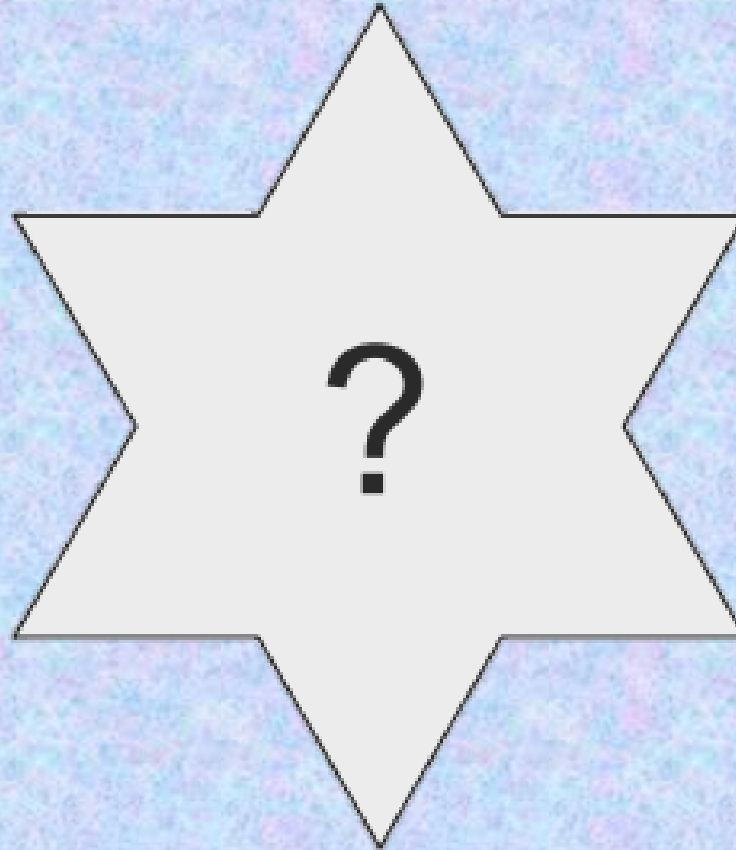
Ancora sfide stellari:



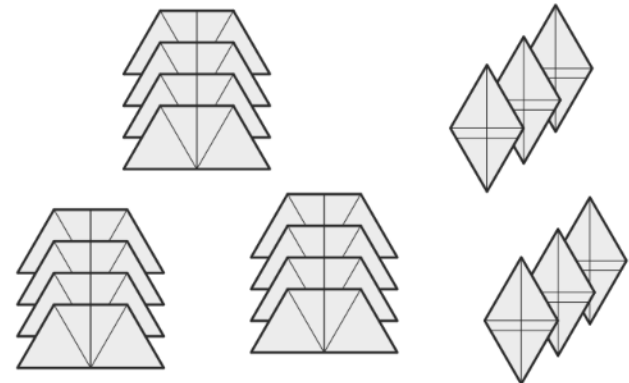
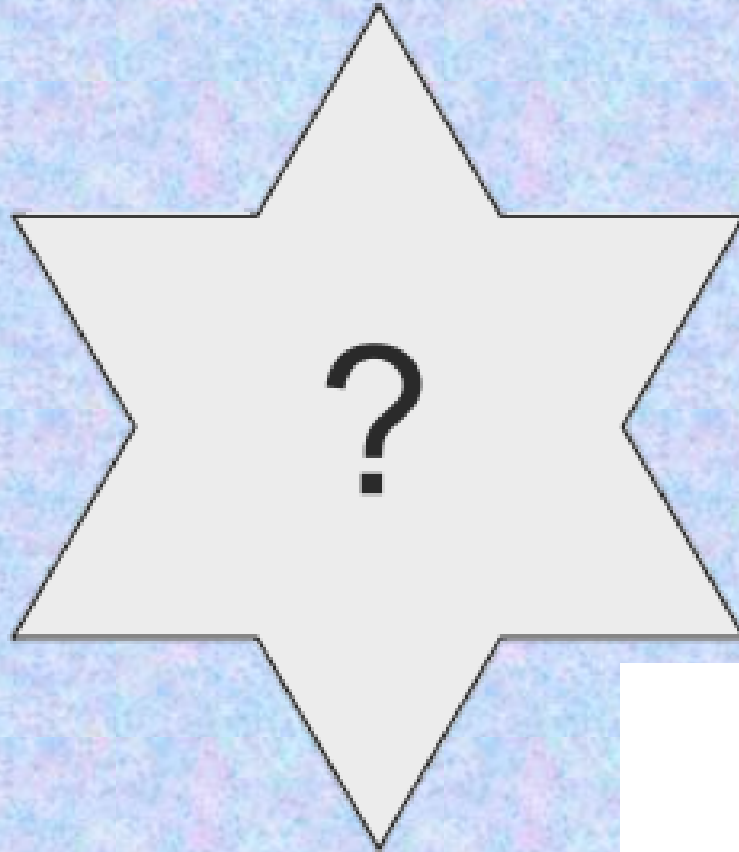
Ancora sfide stellari:



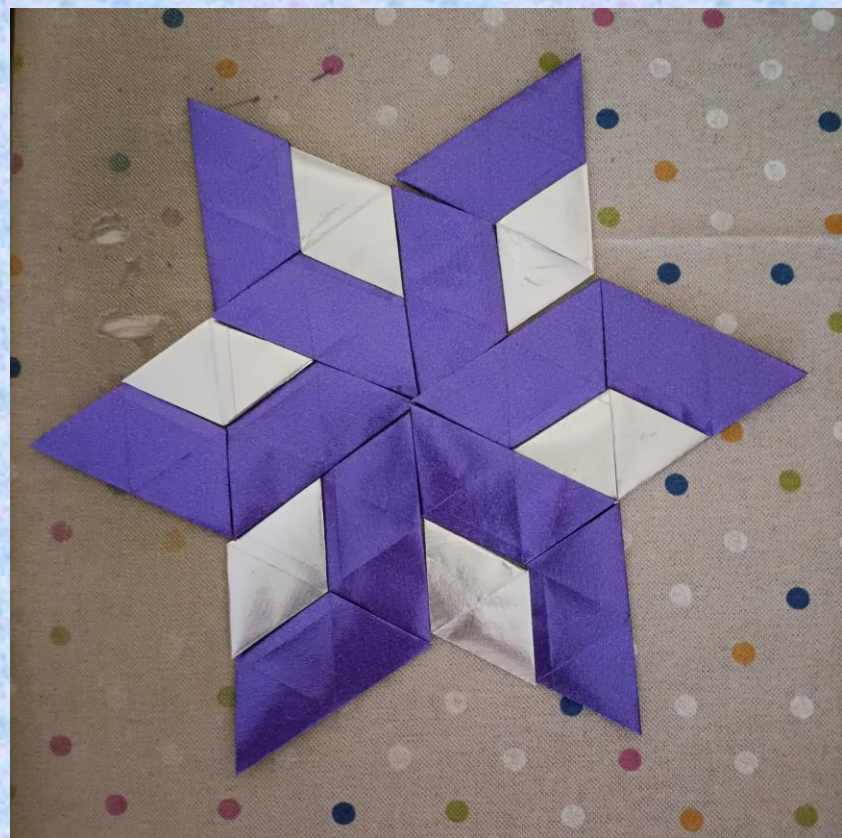
Ancora sfide stellari:



Ancora sfide stellari:



Rosoni ciclici

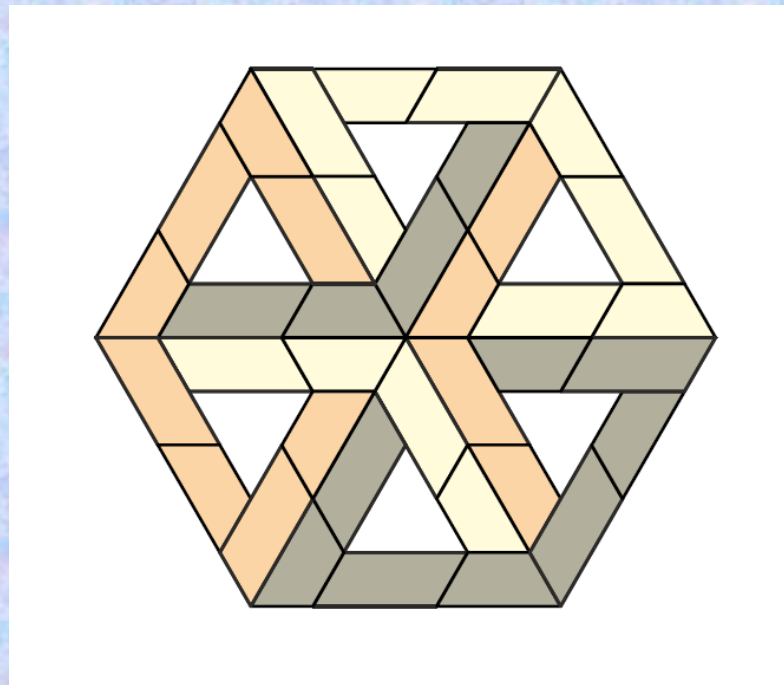


Rosoni diedrali

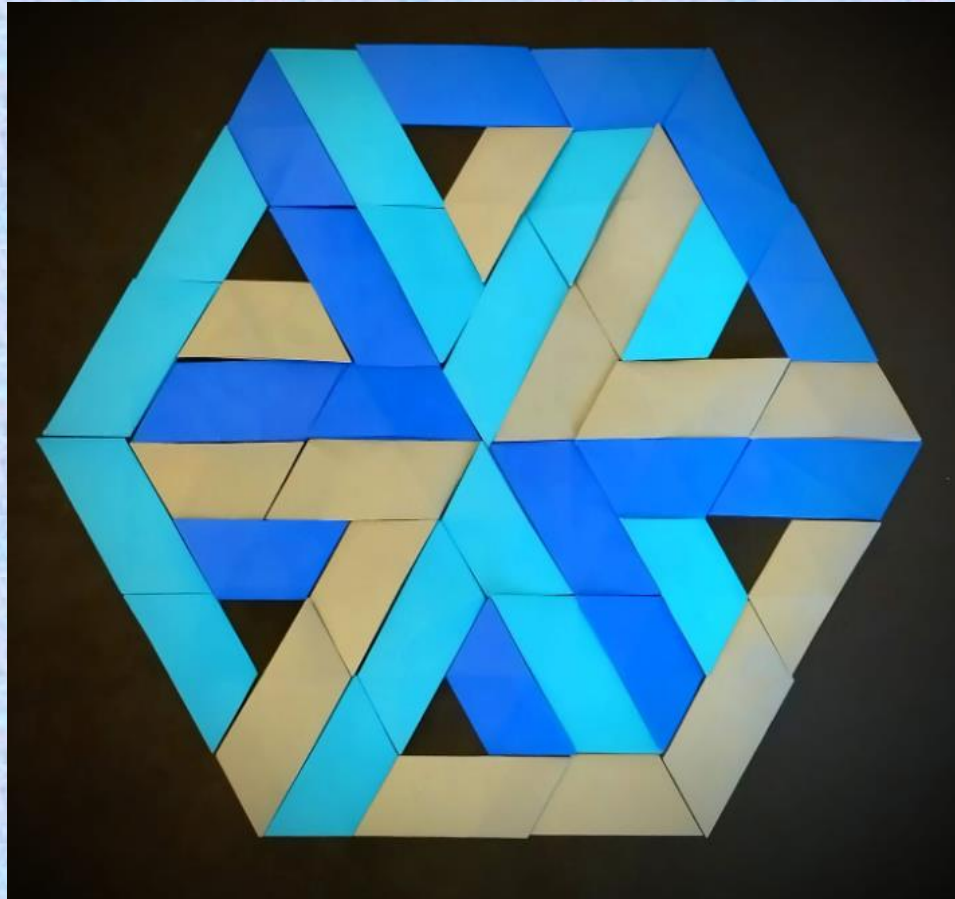




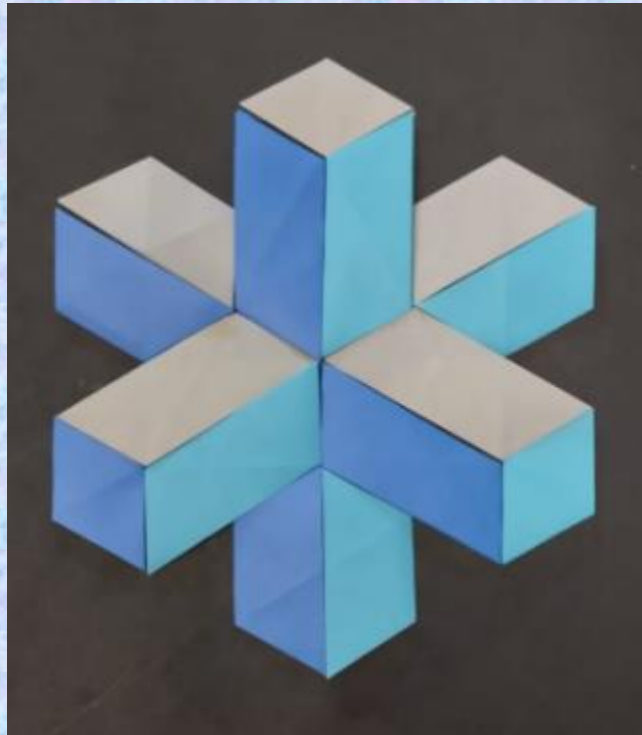
E poi...



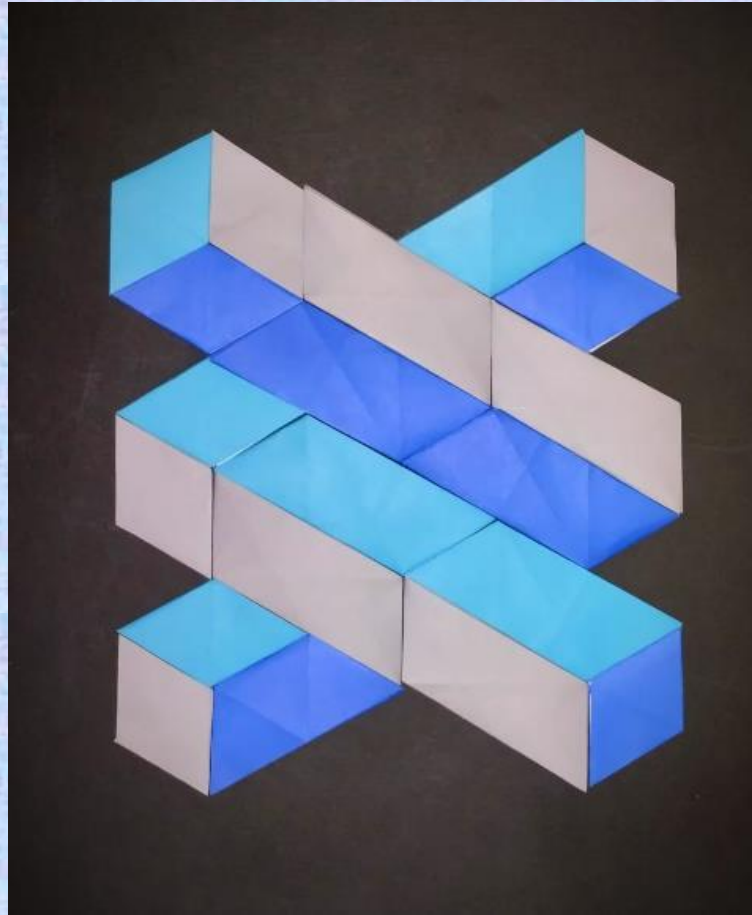
E poi...



E poi...



E poi...



E poi...



E poi...

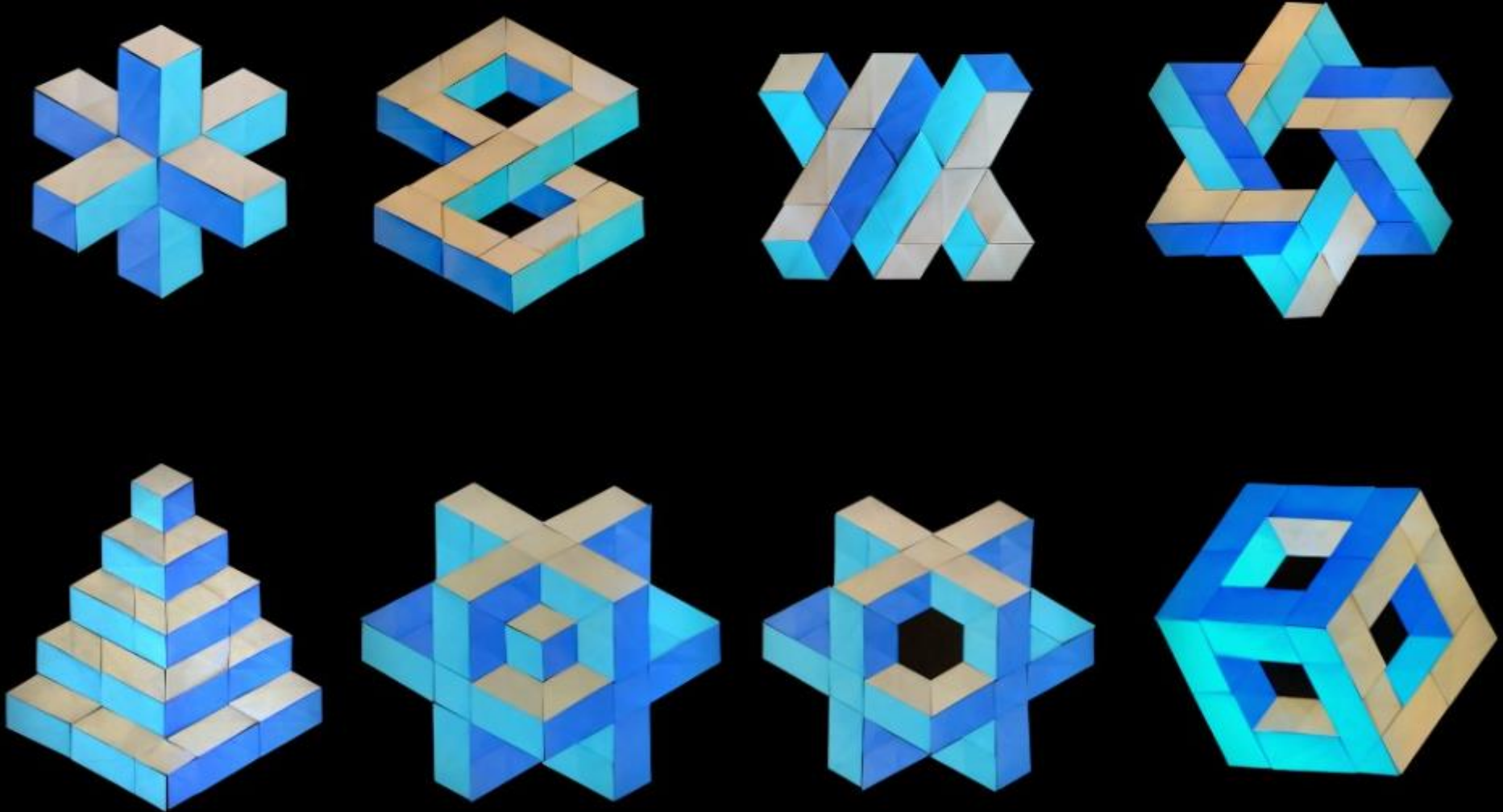


Antiprismi modulo 3



Ci resta 1 ...





*Barbara,
Francesco e Stefania*