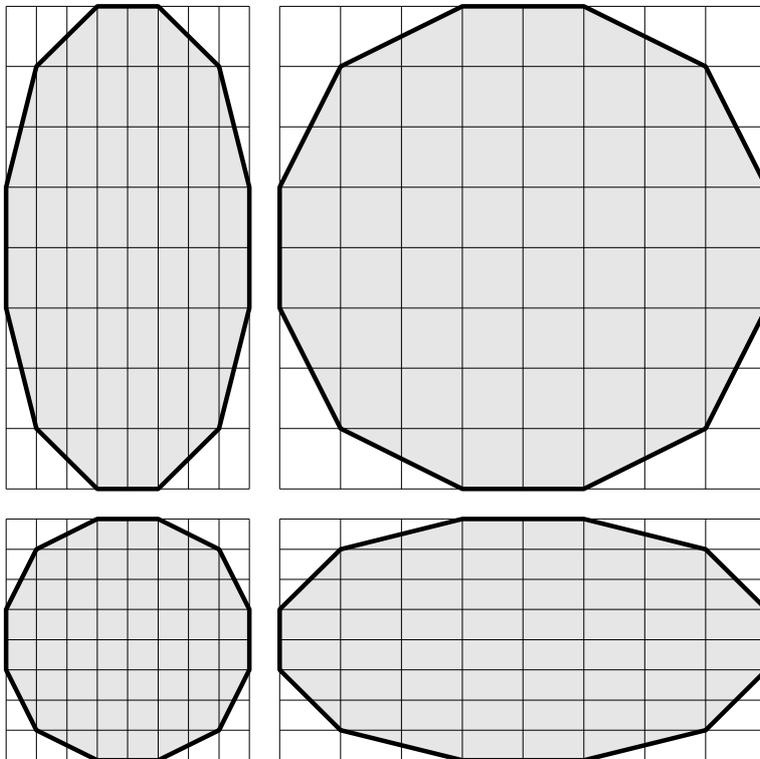
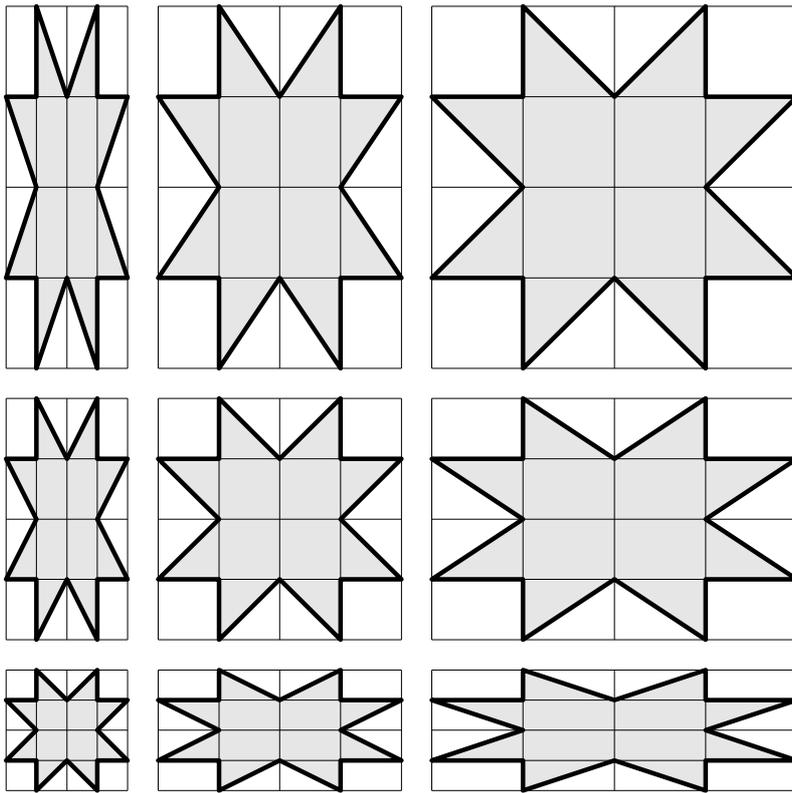


Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



Precede, la proposta operativa in classe.  
Segue da vedere.

## Commento alla proposta operativa.

Il disegno estremamente semplice della stella (tratti di “1 solo passo”), permette di concentrarsi sulla deformazione.

Il polisegmento “circolo circa” porta il pensare alla deformazione del cerchio-circonferenza.

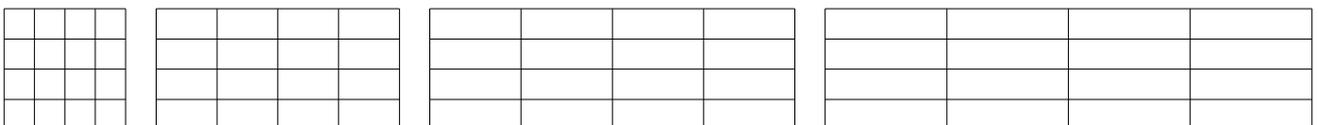
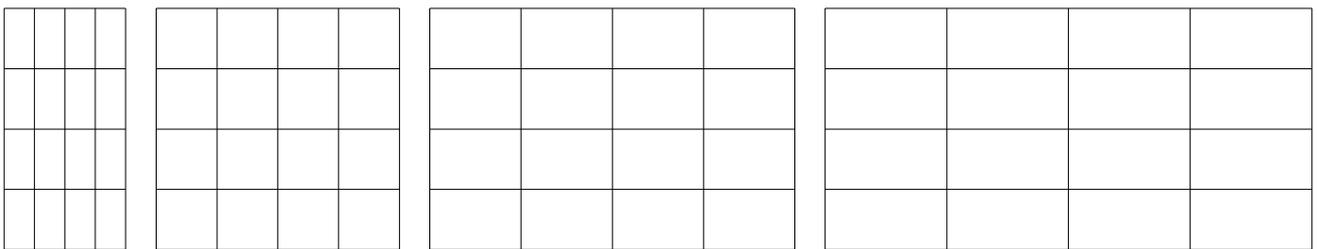
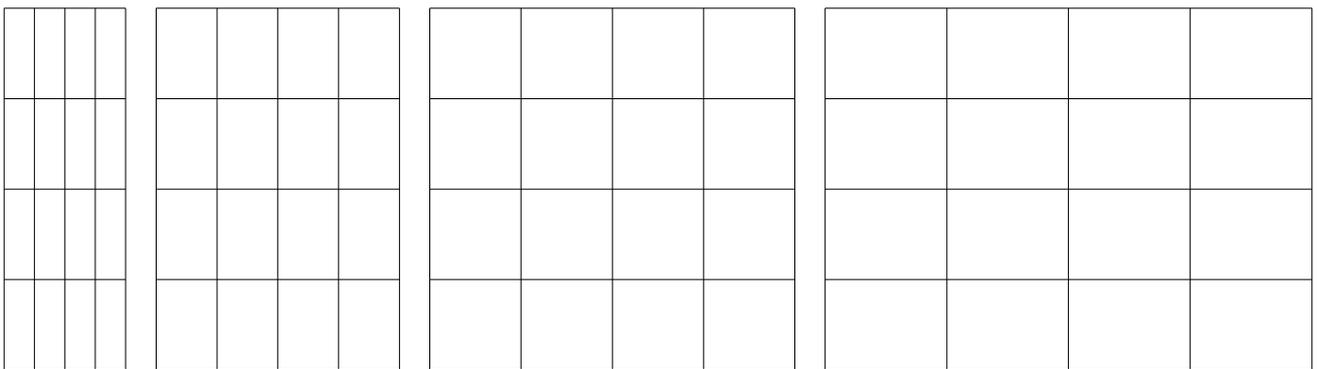
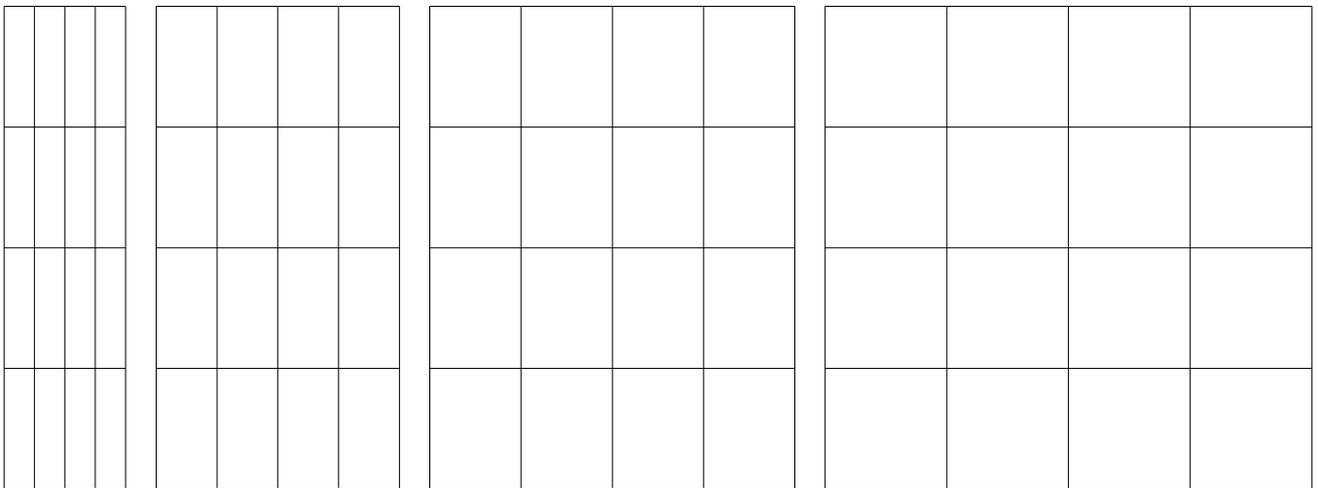
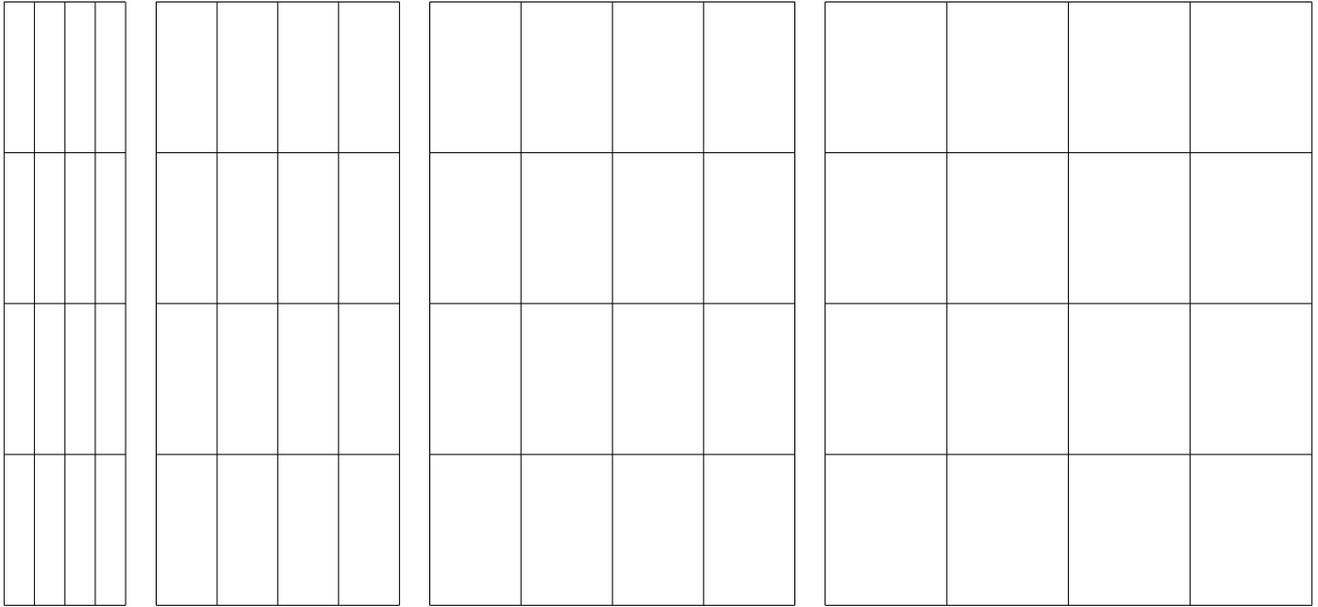
Dilatare la circonferenza introduce “Approssimare una curva con un polisegmento” poiche' al posto della circonferenza disegniamo una sua approssimazione polisegmento.

Richiedere a posteriori di inscrivere una circonferenza per vedere quanto e' approssimata.

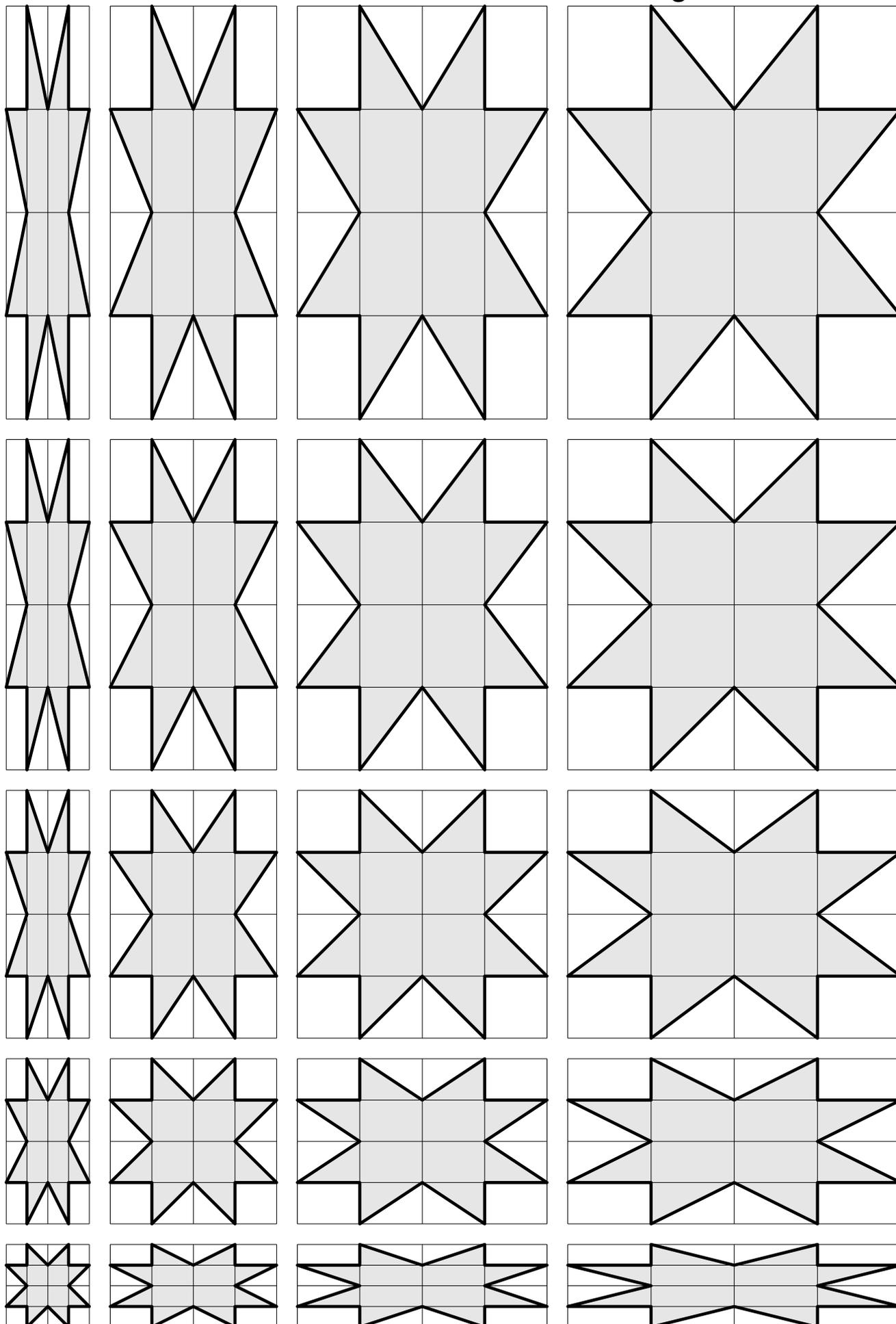
Esercizi associati:

- 1) calcolo area, perimetro, relativo ed assoluto.
- 2) ricerca parallele, angoli, allineamenti
- 3) simmetrie
- 4) Calc pi-greco.
- 5) Denominare i lati del 12-gono. Regola per passare al nome del lato opposto, o ad angolo retto. Analogia con l'orologio, e con l'aritmetica modulare.

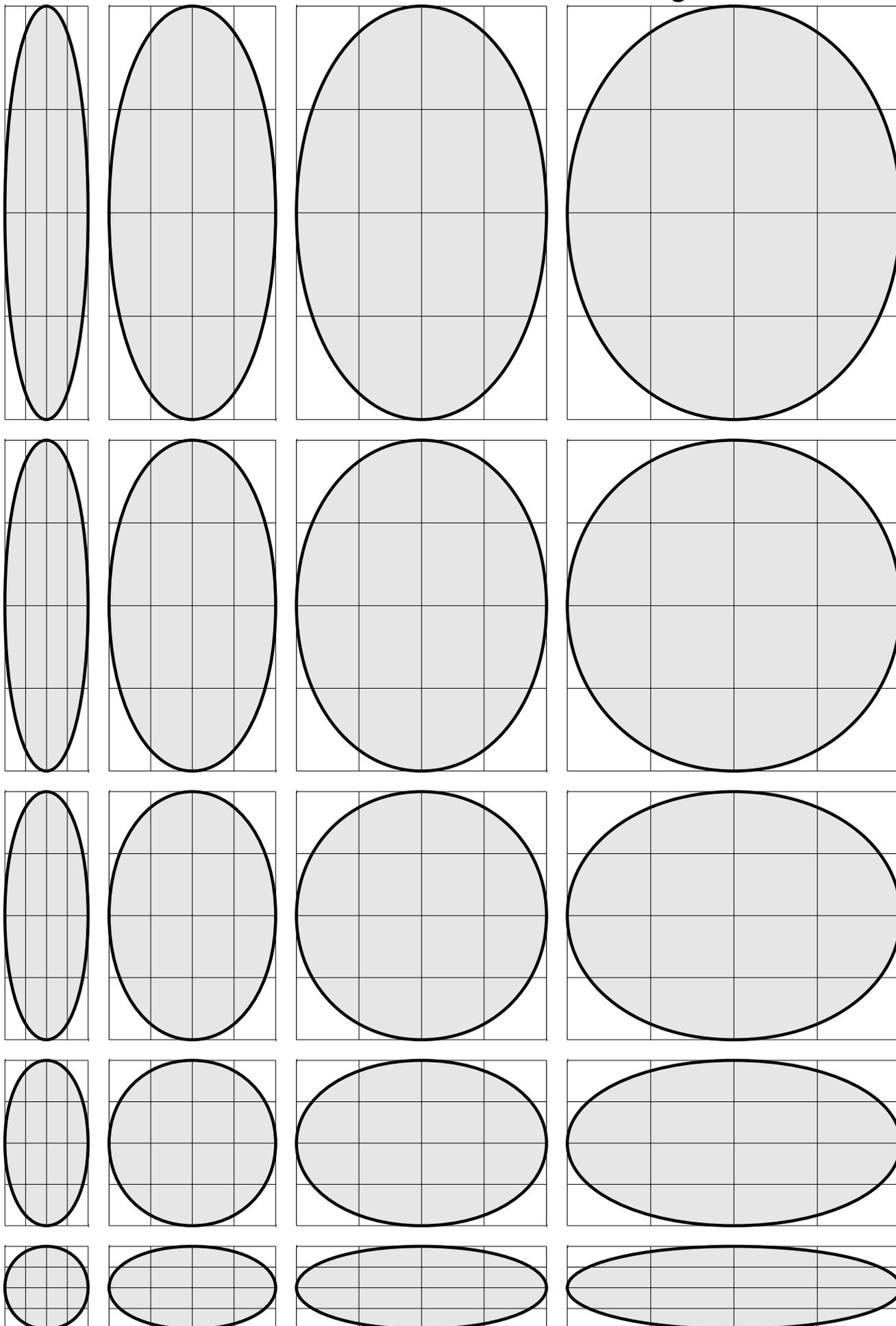
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



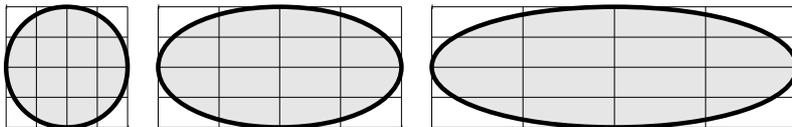
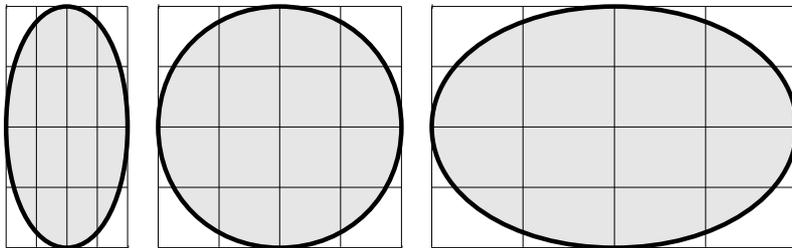
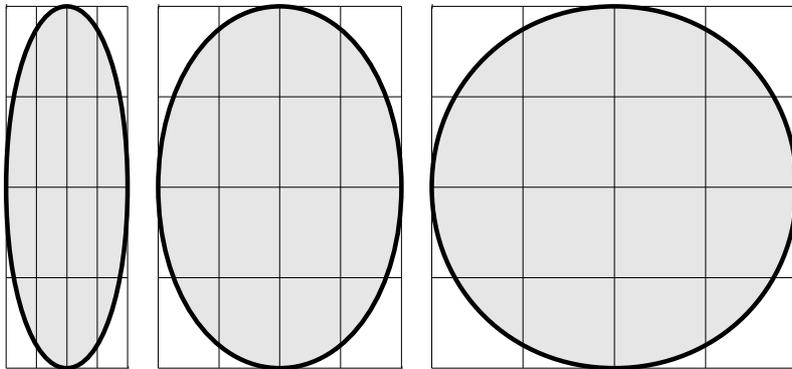
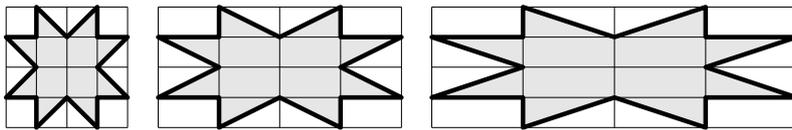
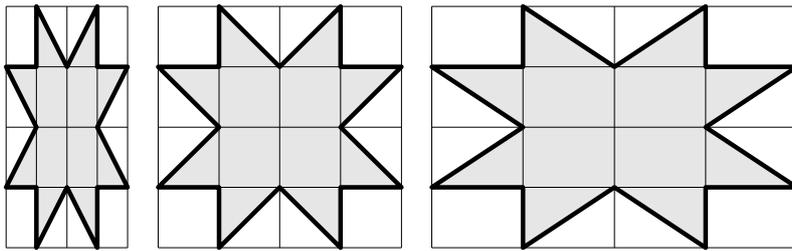
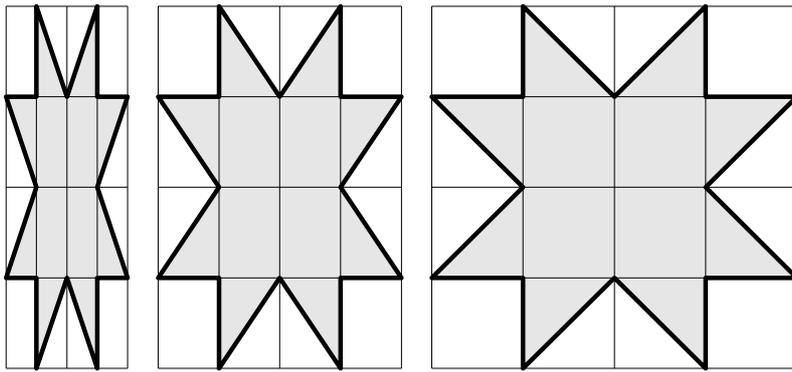
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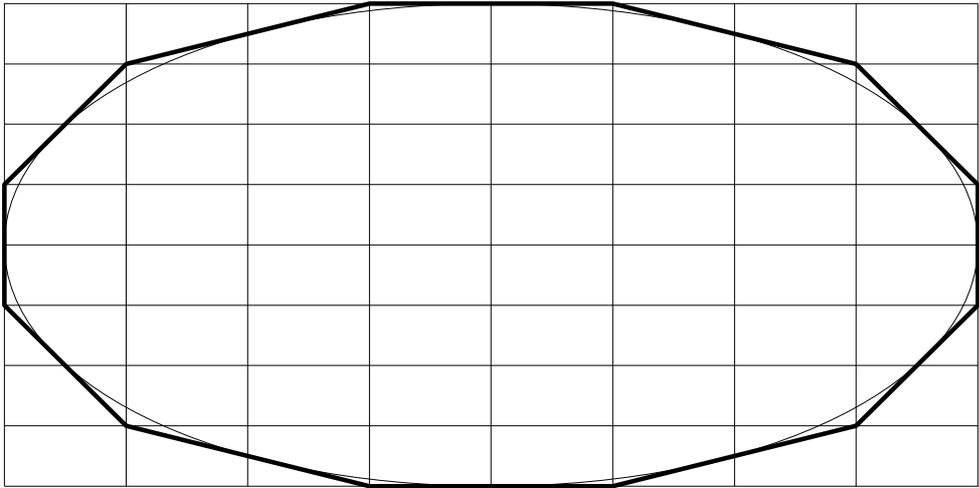
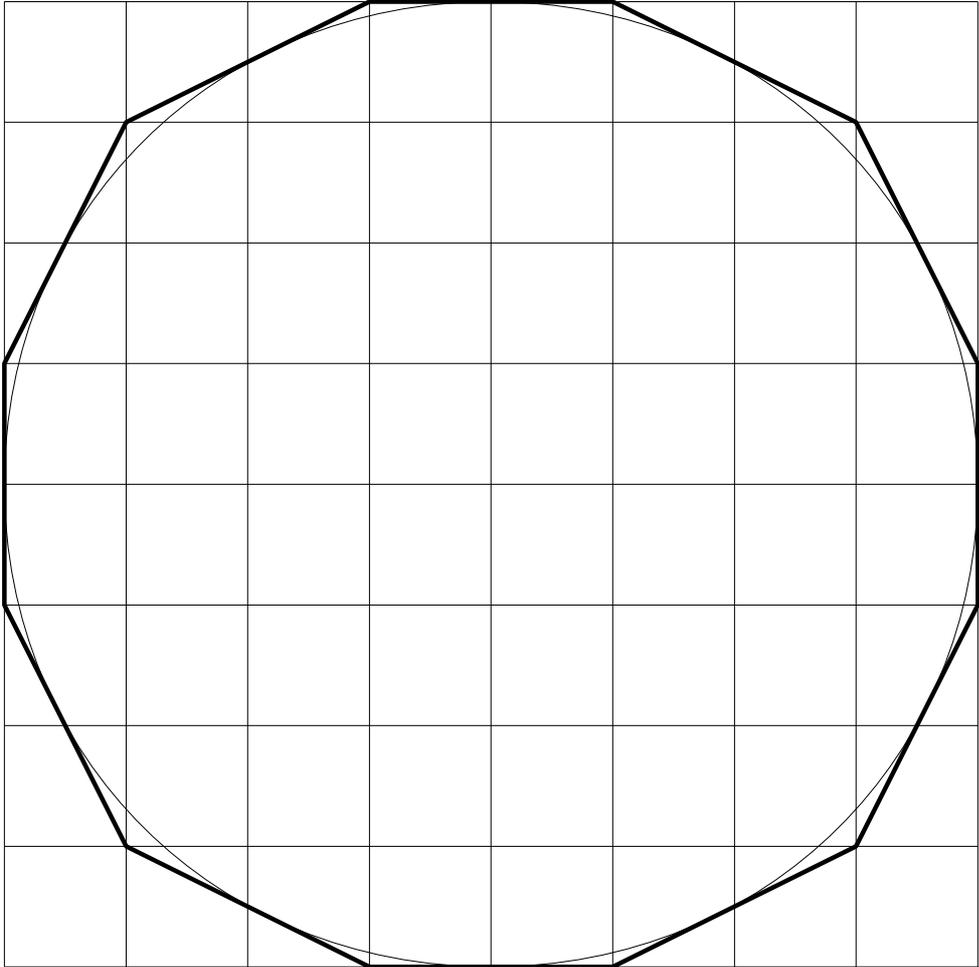
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



Dilatare in 1 direzione. Approssimare una curva, con un polisegmento coi vertici sui nodi della quadrettatura.



Spiego perche', solo per alcuni disegni, e' meglio non proporli agli allievi

) approssimazione curva con polisegmento si puo' accennare senza attivita'.

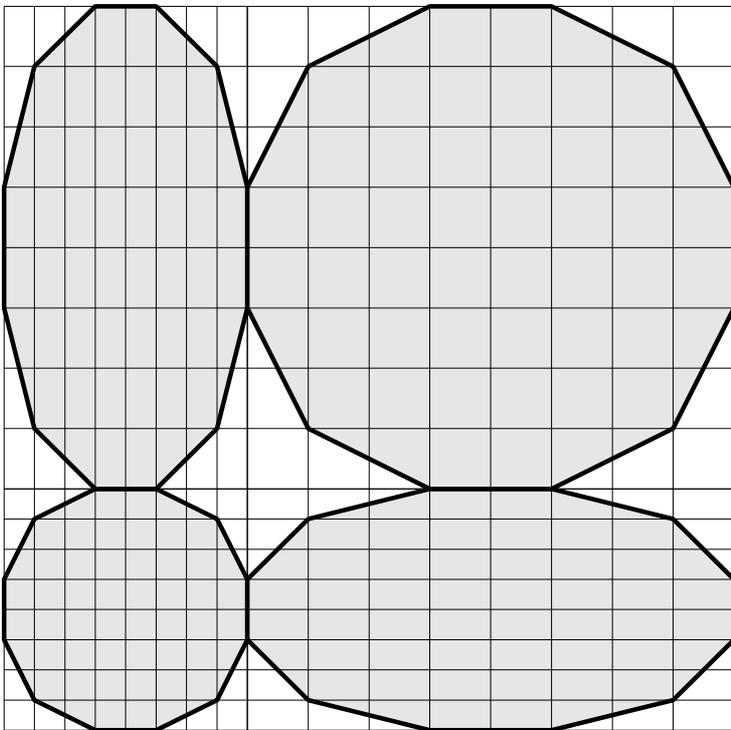
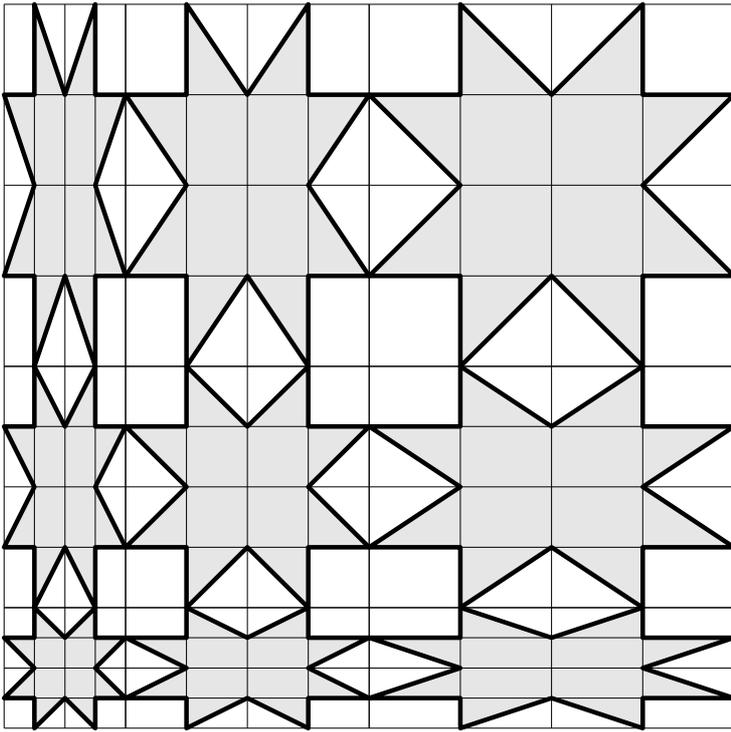
) 3 reticoli 8x8 richiedono troppo tempo, bastano 2 per rendere l'idea

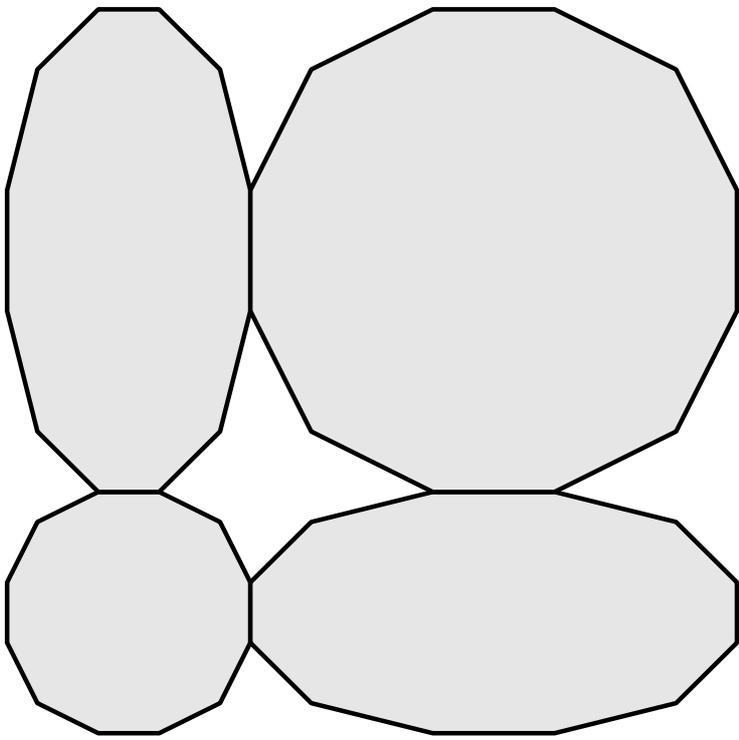
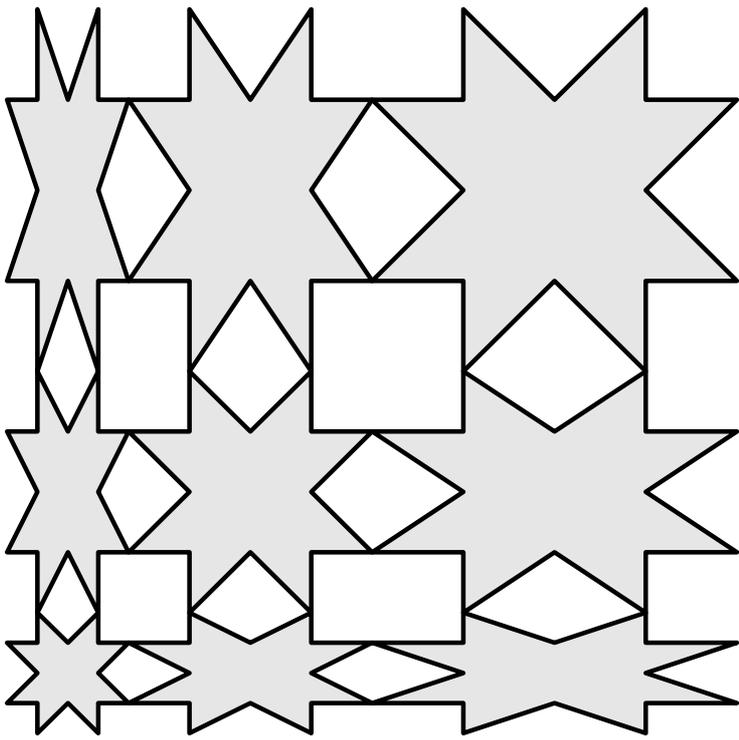
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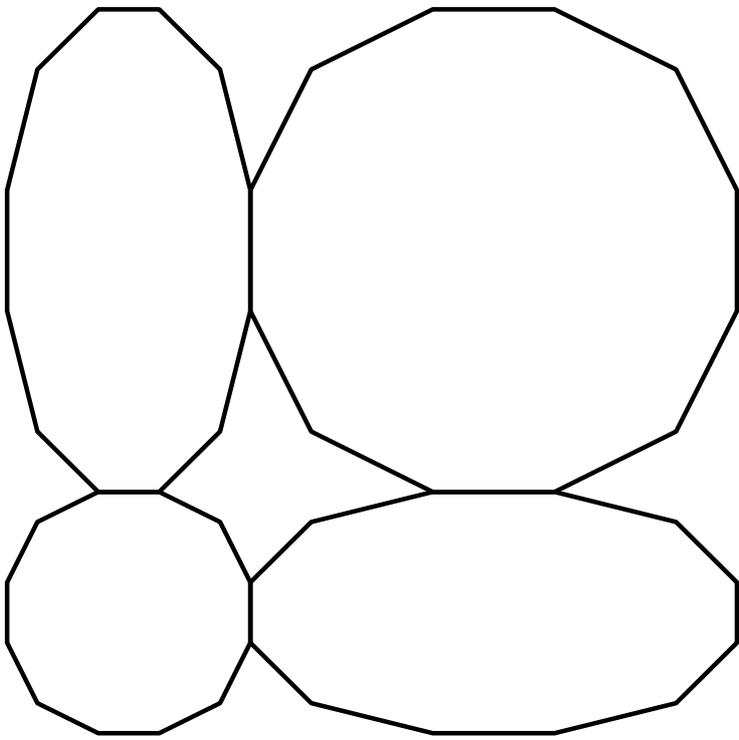
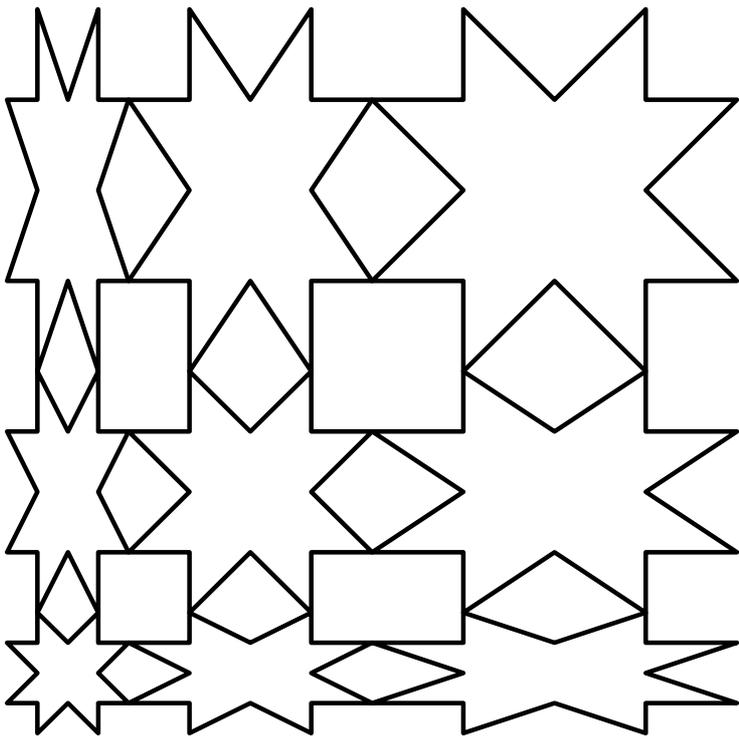
The artistic  
way

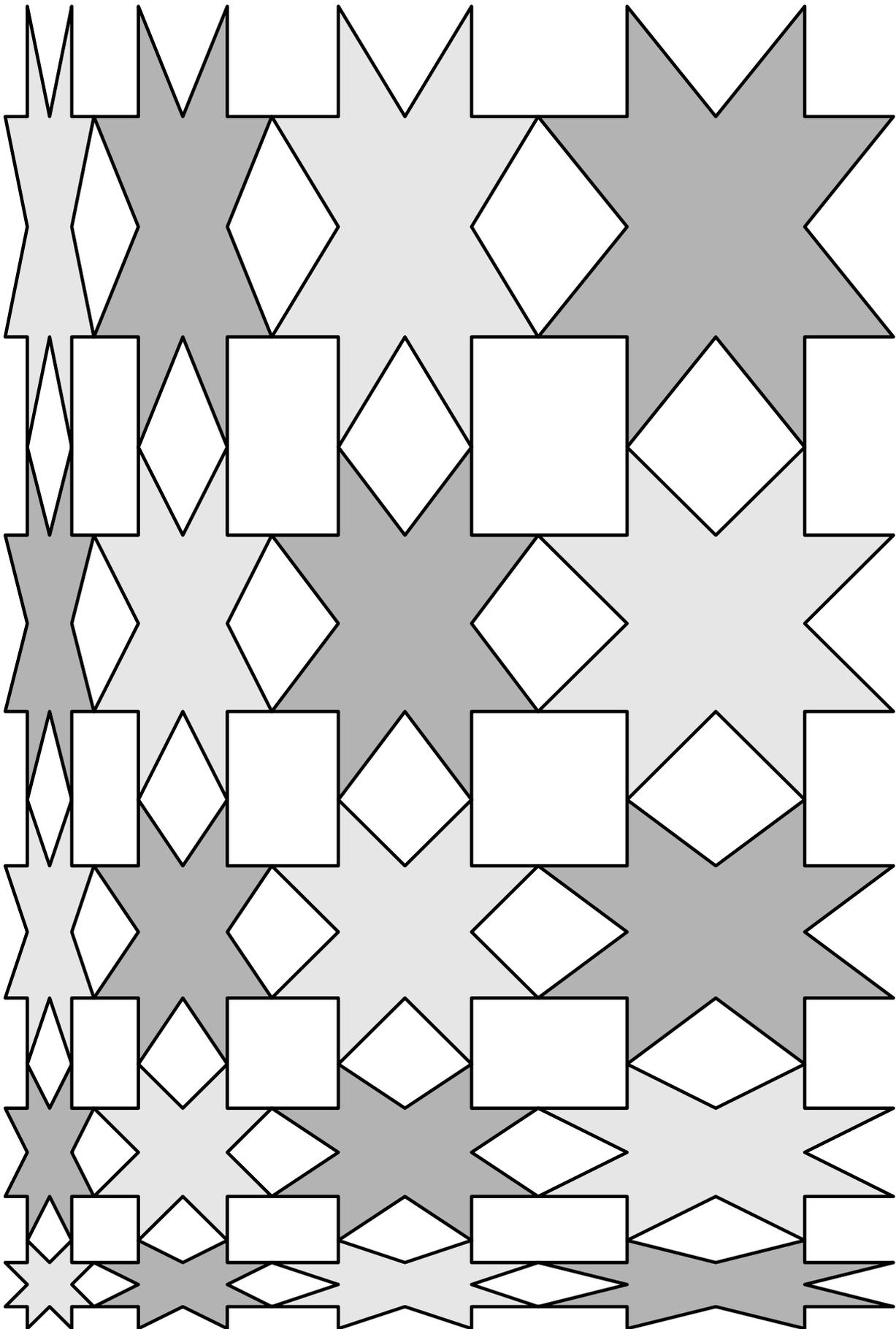
La via  
artistica

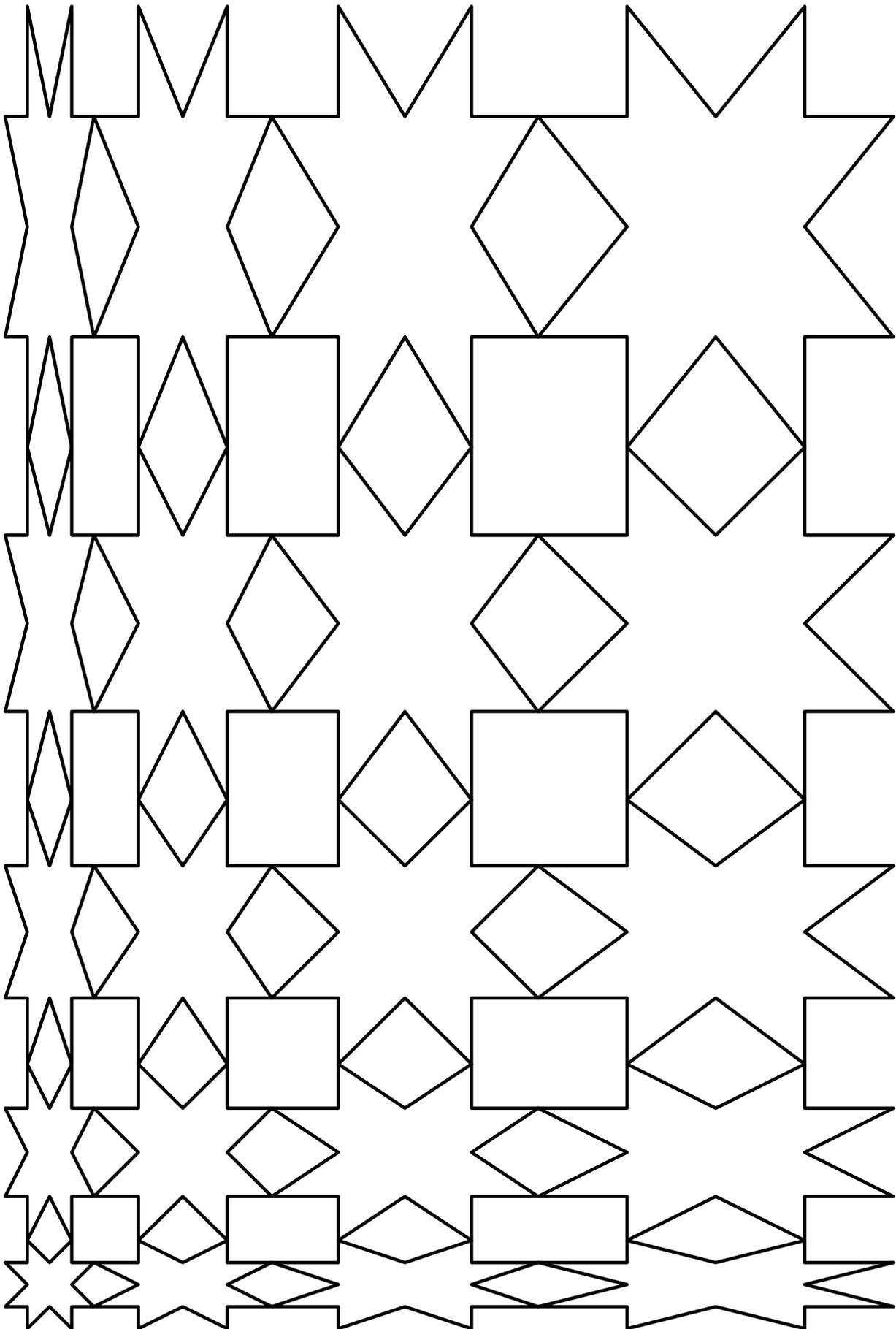
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.









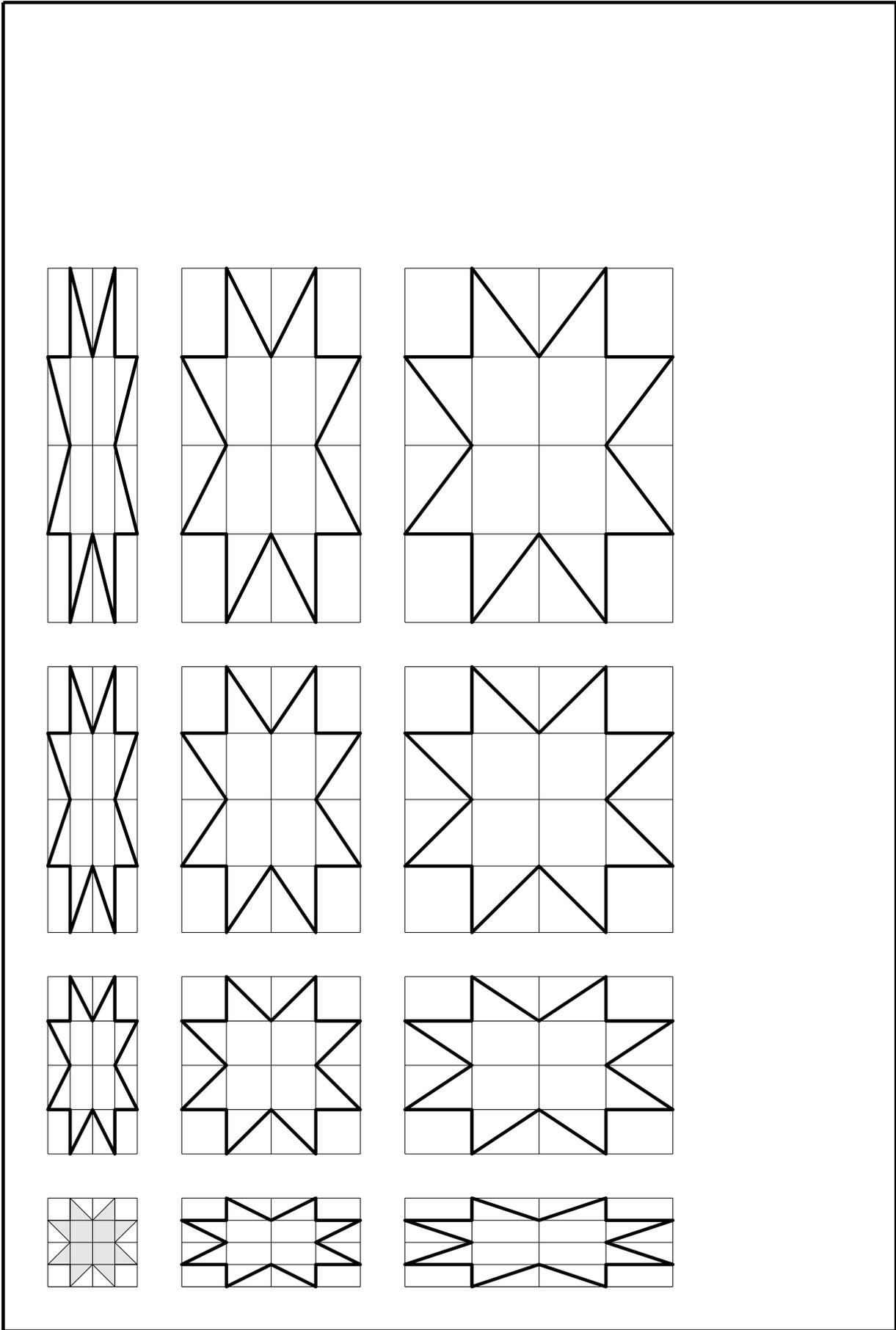


# Studio preparatorio

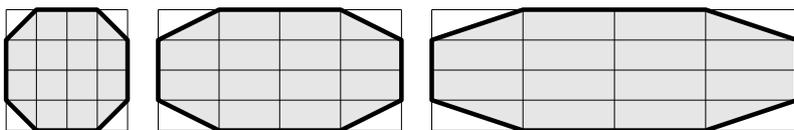
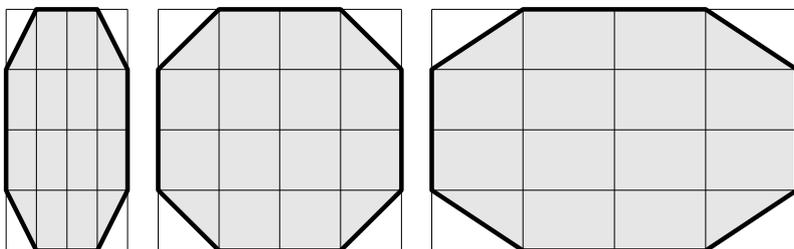
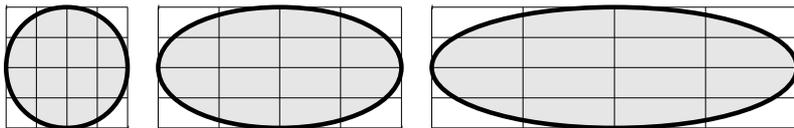
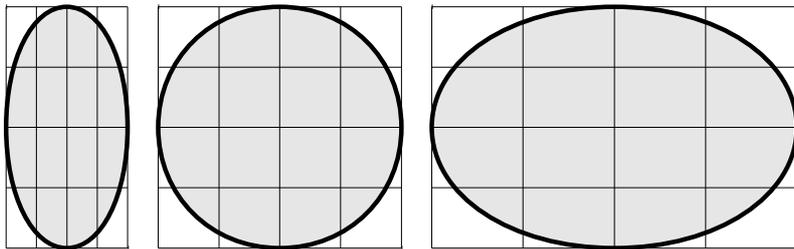
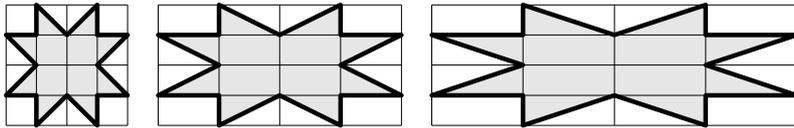
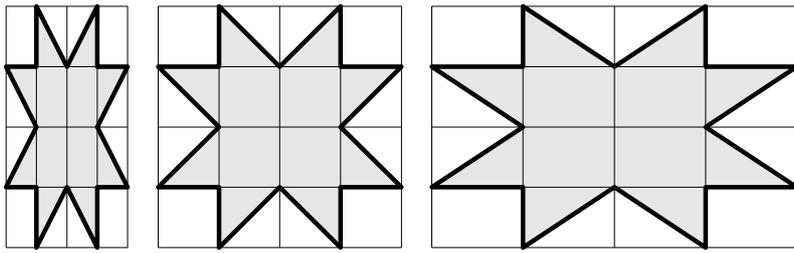
Dilatazione 1D e 2D.

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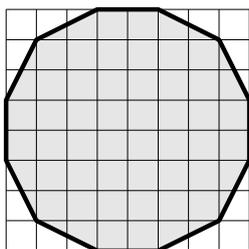
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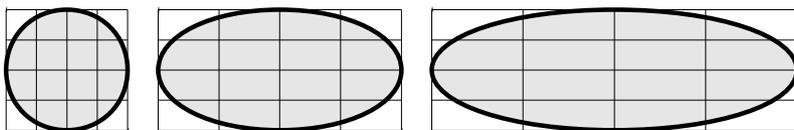
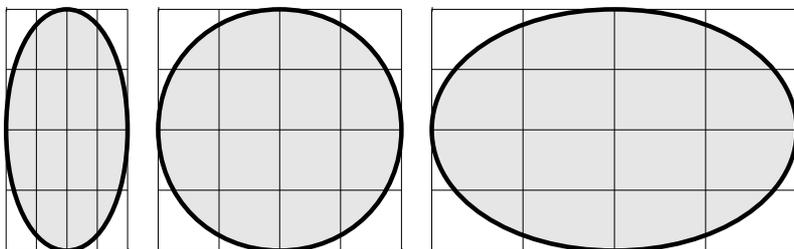
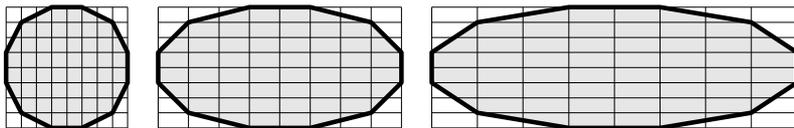
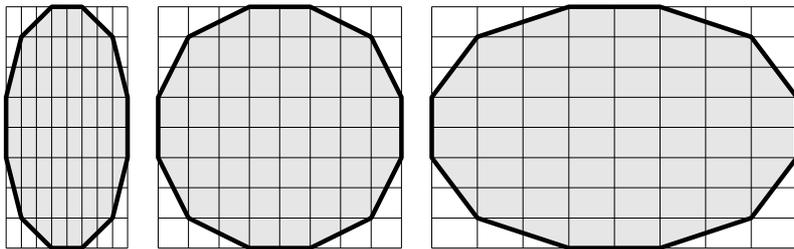
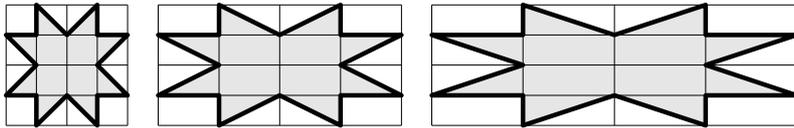
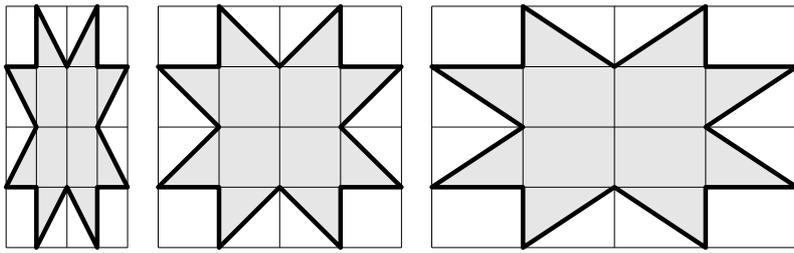
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



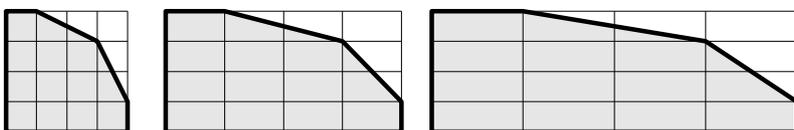
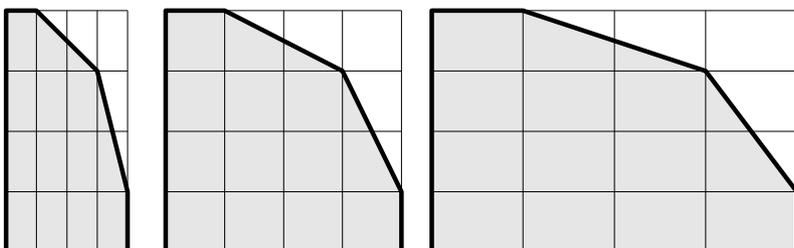
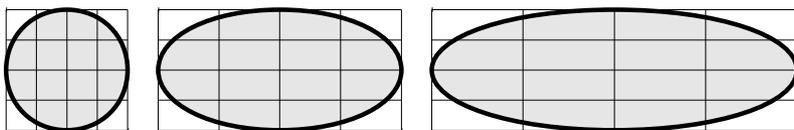
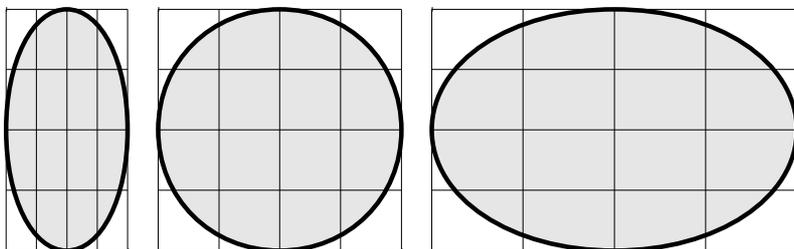
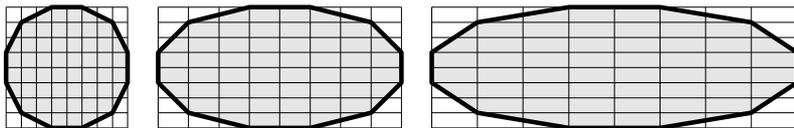
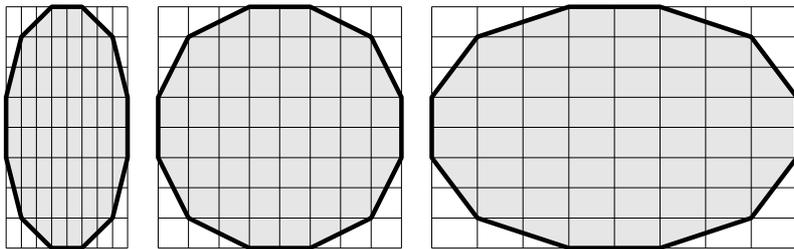
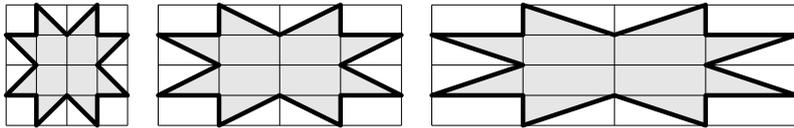
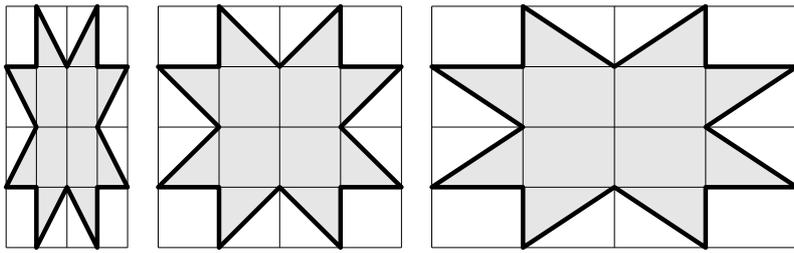
Troppo tozze queste  
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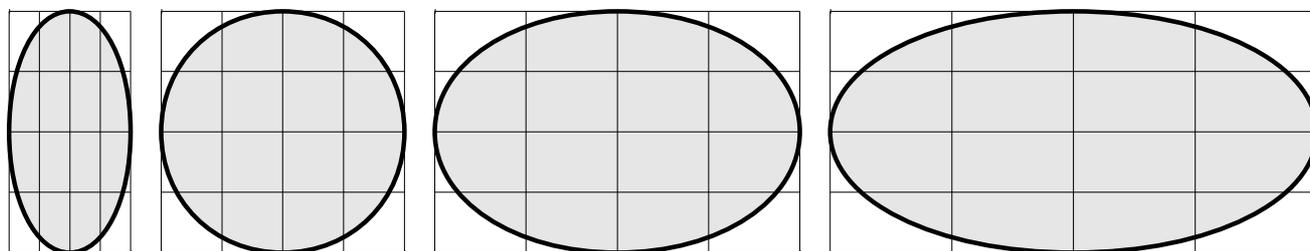
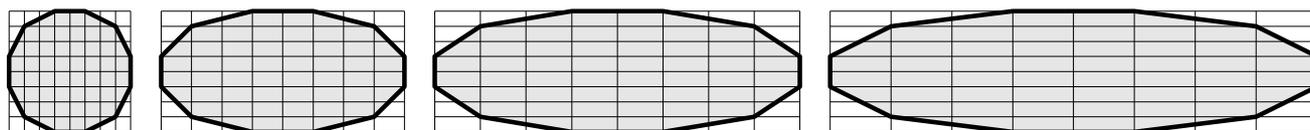
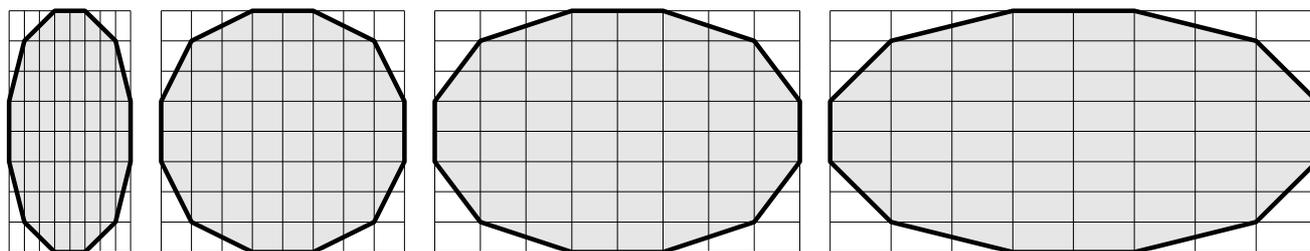
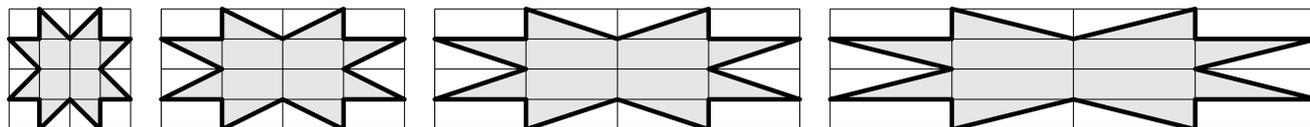
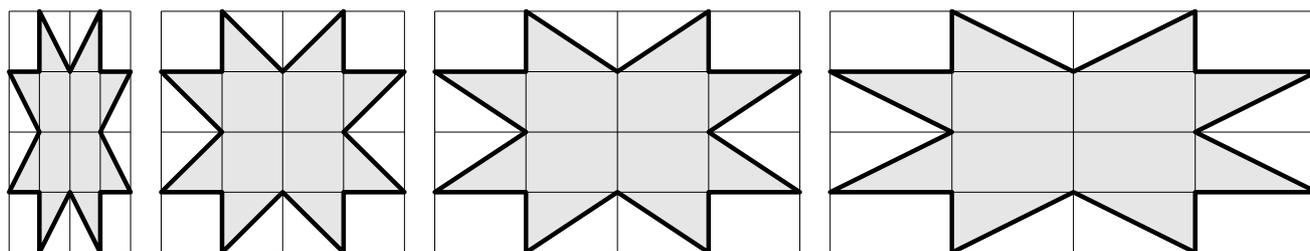
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



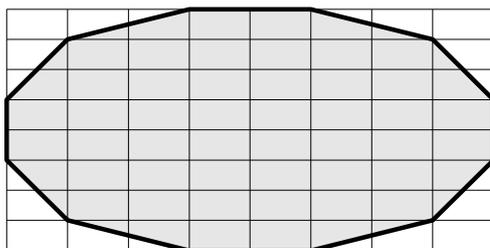
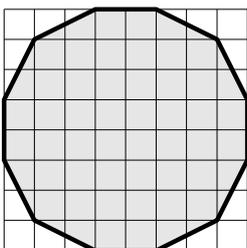
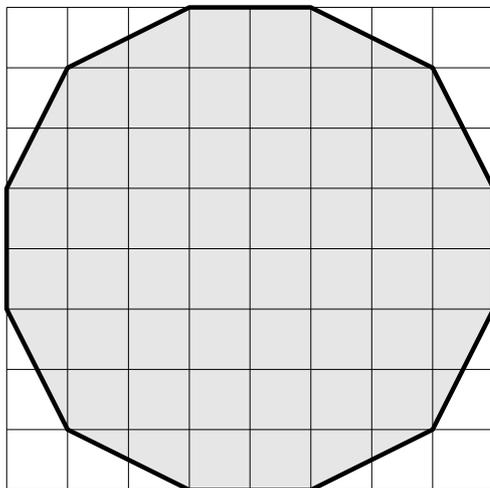
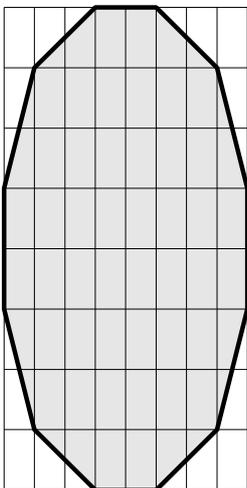
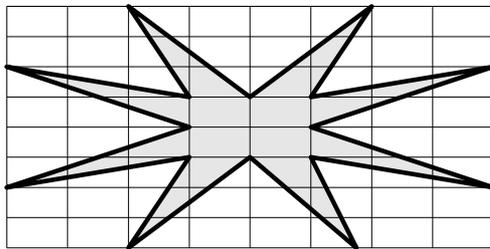
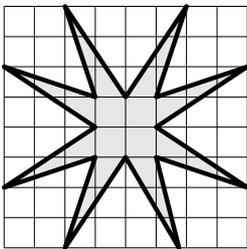
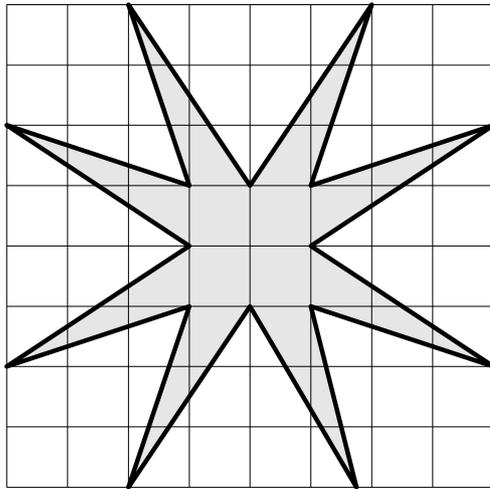
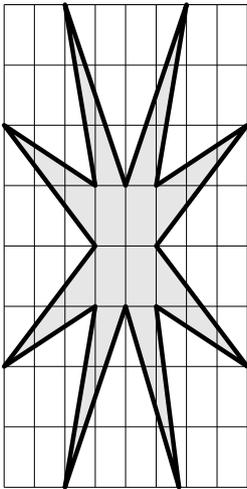
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



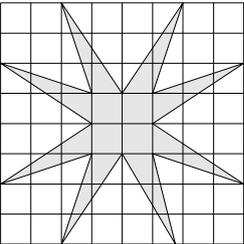
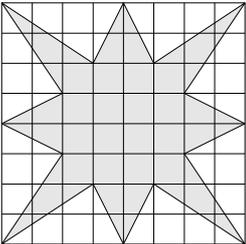
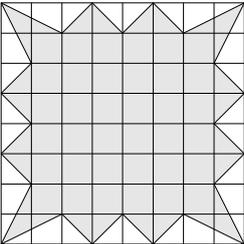
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



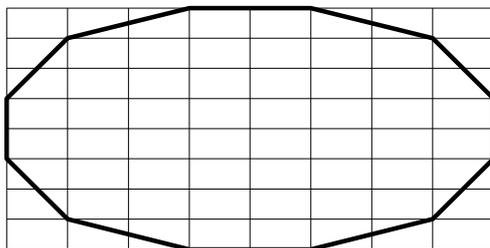
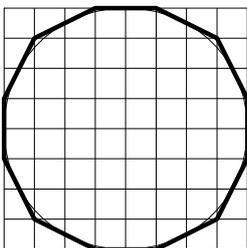
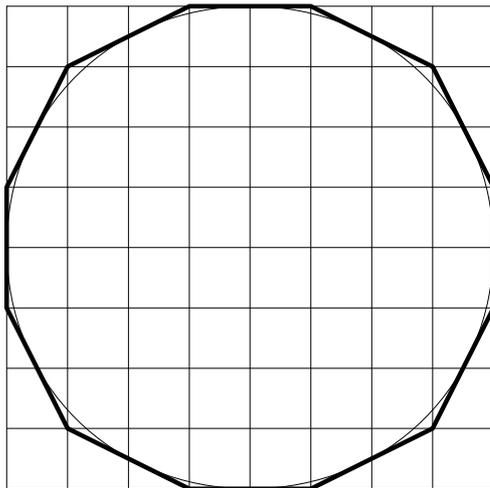
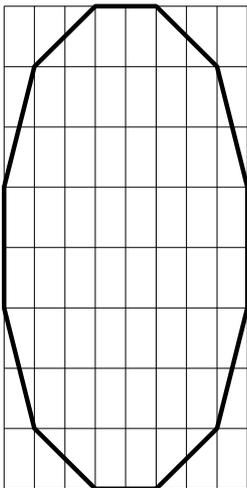
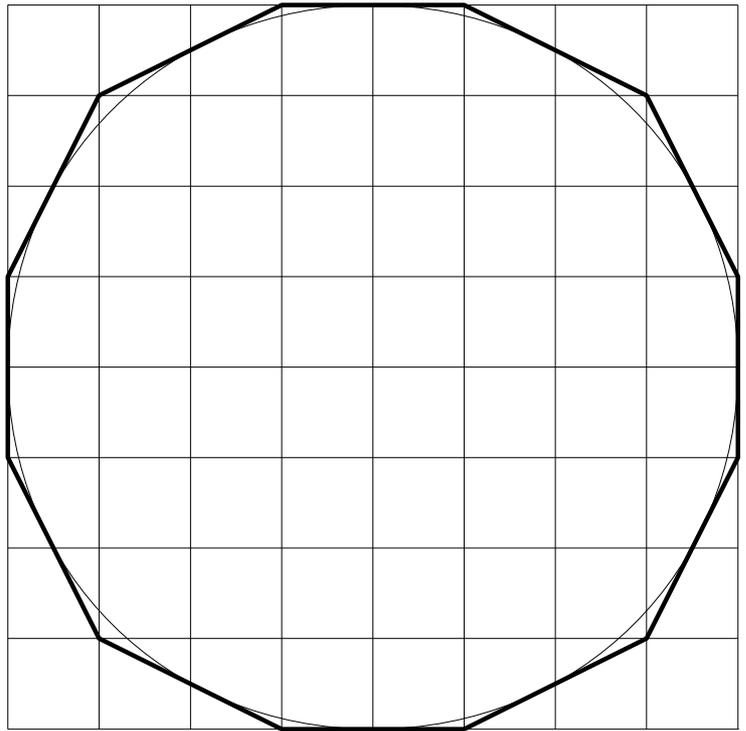
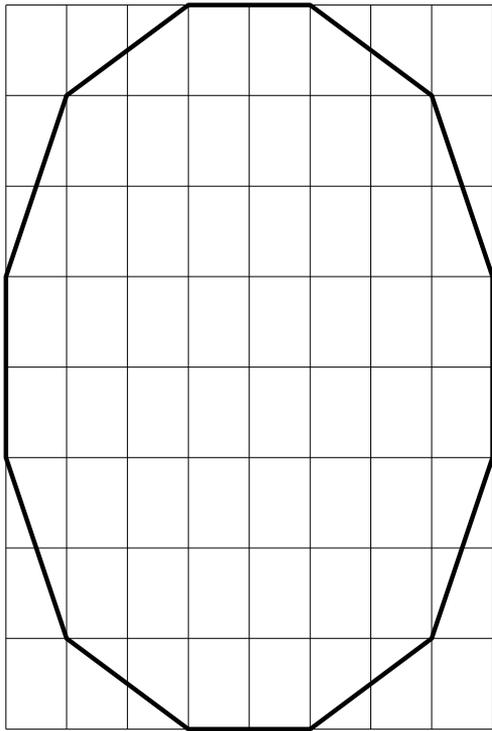
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



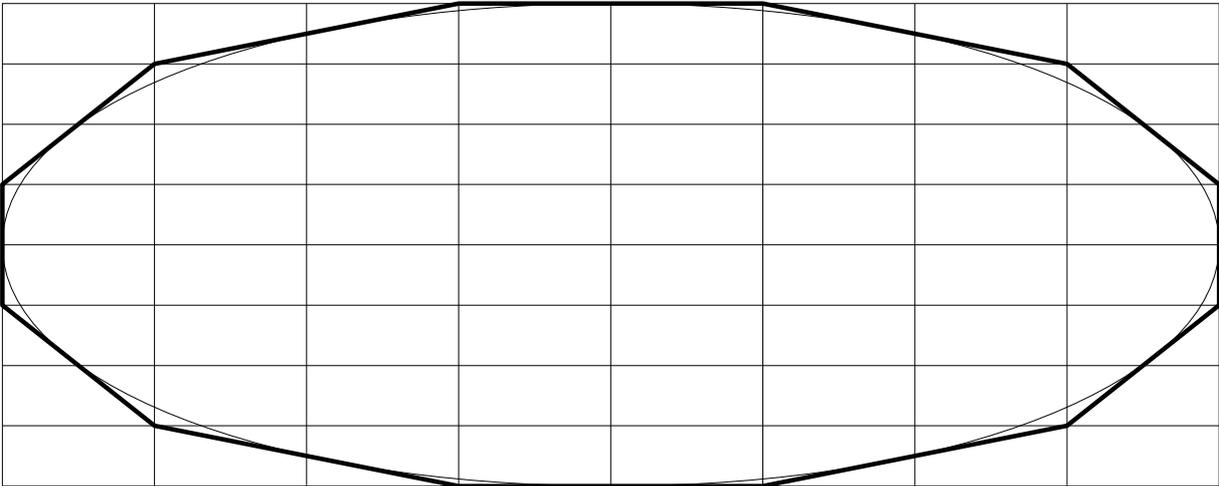
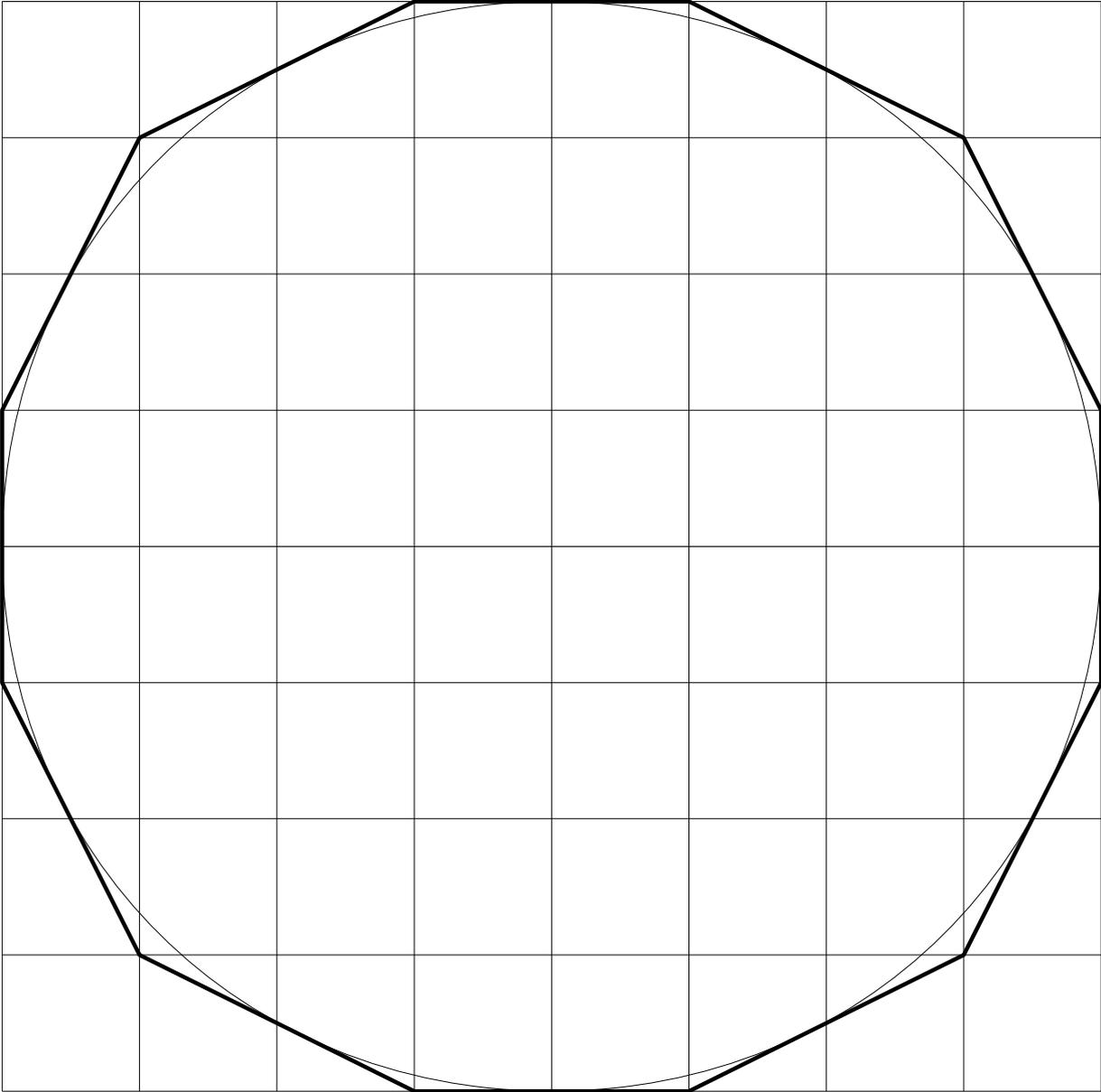
Studio forme.



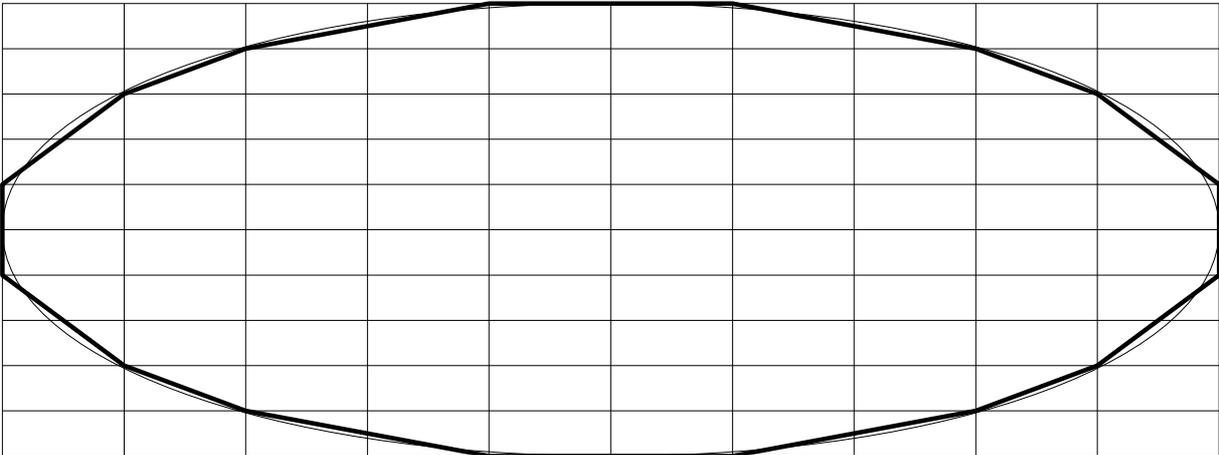
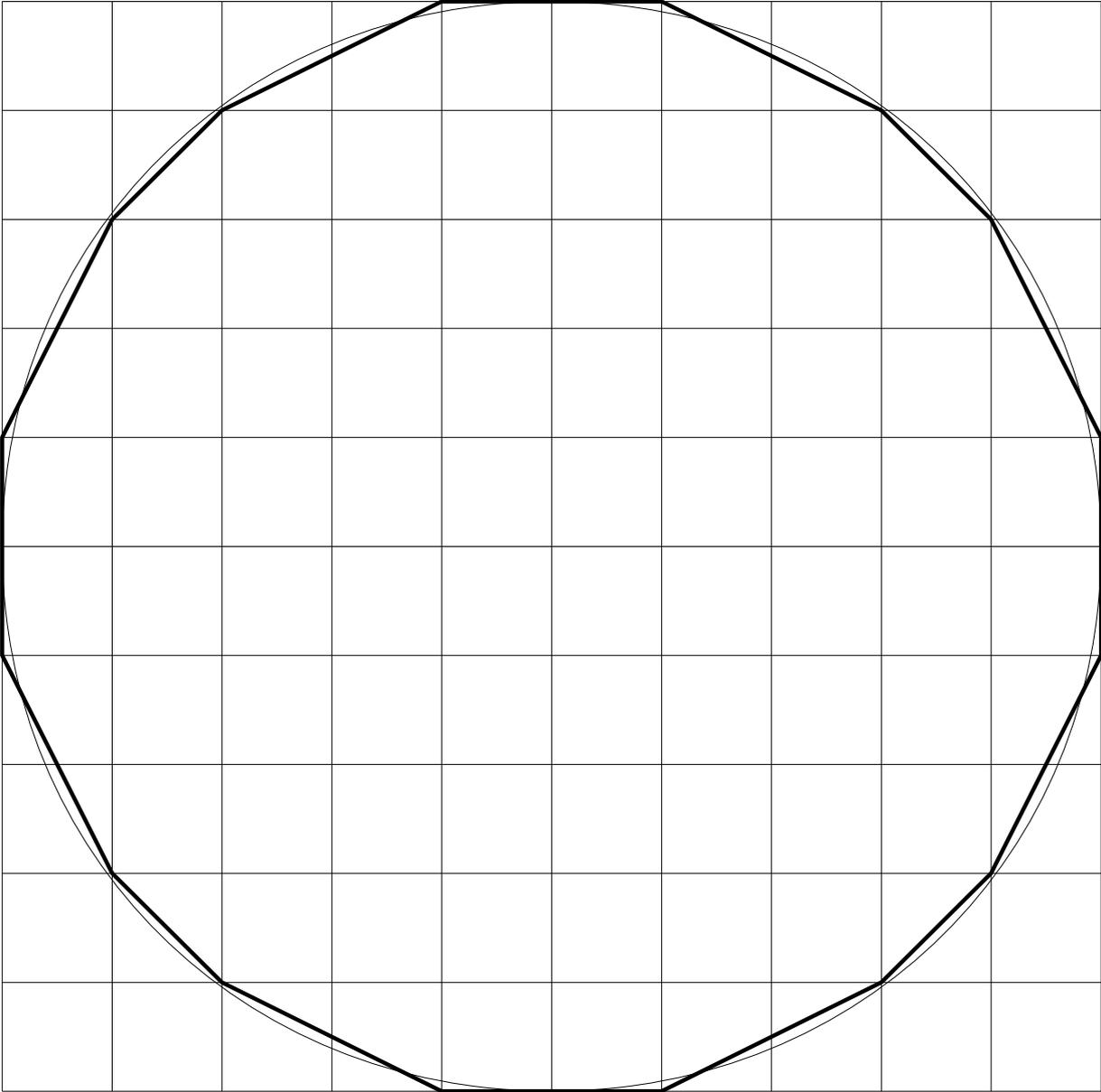
Dilatazione in 1 direzione, e in 2 direzioni ortogonali tra loro.



Dilatare in 1 direzione. Approssimare una curva, con un polisegmento coi vertici sui nodi della quadrettatura.



Dilatare in 1 direzione. Approssimare una curva, con un polisegmento coi vertici sui nodi della quadrettatura.



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