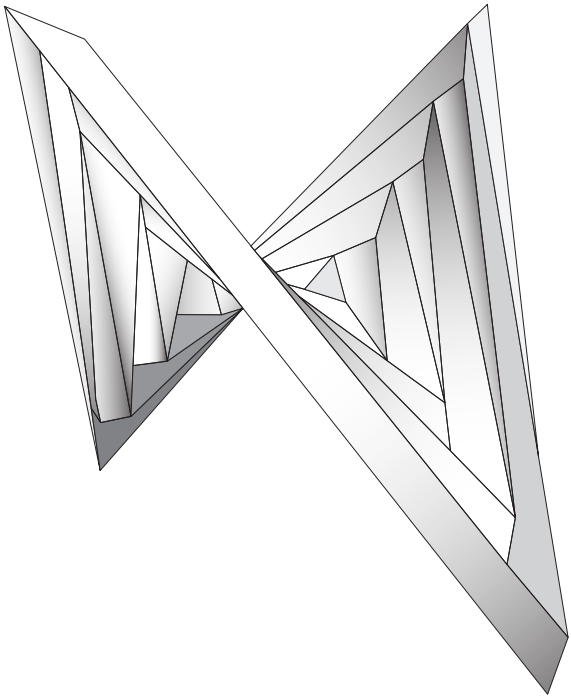
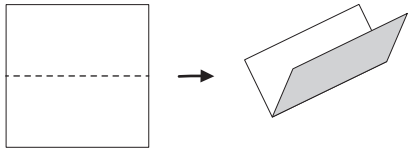
Foundation Course

Working with Paper

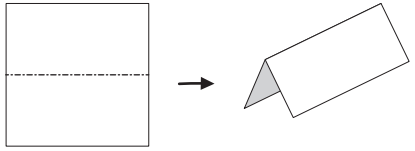


Eric Gjerde

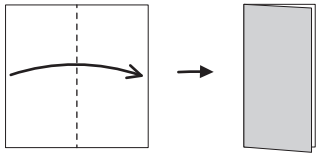
Symbols



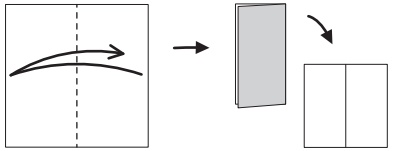
- valley fold
- pli vallée
- doblez de valle
- Talfalte
- 谷折り



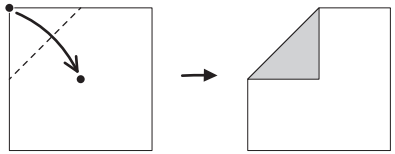
- mountain fold
- pli montagne
- doblez de montaña
- Bergfalte
- 山折り



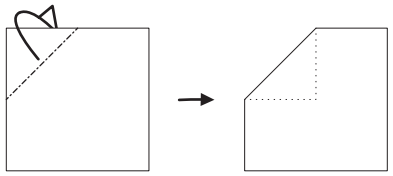
- fold over
- plier
- doblar
- falten und liegen lassen
- 折り畳む



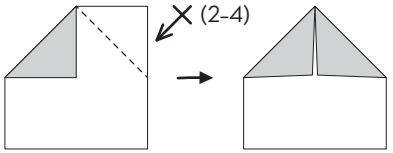
- fold and unfold
- plier puis deplier
- doblar y desdoblar
- falten und wieder öffnen
- 折り筋をつける



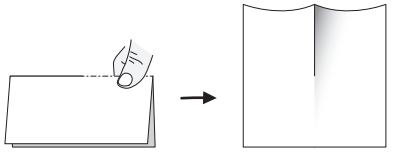
- fold point to point
- plier point à point
- doblar de punto a punto
- Punkt auf Punkt falten
- ポイントに合わせて折る



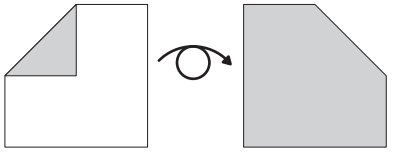
- fold behind
- plier vers l'arrière
- doblar por detrás
- nach hinten falten
- 裏に折る



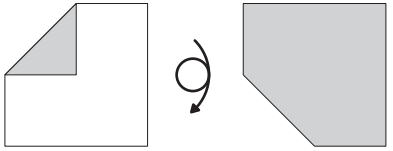
- repeat previous steps
- répéter les étapes précédentes
- repetir los pasos previos
- die vorherigen Schritte wiederholen
- 同様に折る



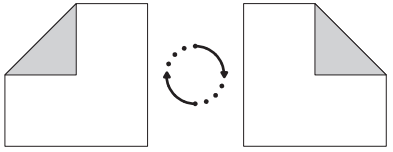
- pinch
- marquer le point seulement
- pellizcar
- die Stelle mit einer kurzen Falte markieren
- つまみ折り



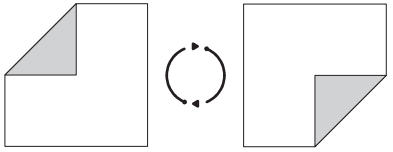
- flip over horizontally
- retourner le papier horizontalement
- dar la vuelta horizontalmente
- horizontal umdrehen
- 裏返す



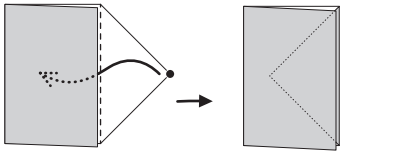
- flip over vertically
- retourner le papier verticalement
- dar la vuelta verticalmente
- vertikal umdrehen
- 裏返す（天地移動）



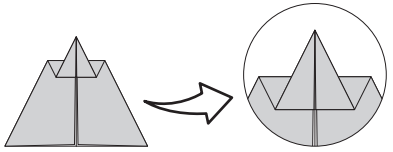
- rotate 90°
- faire pivoter de 90°
- girar 90°
- um 90° drehen
- 位置の転換９０度



- rotate 180°
- faire pivoter de 180°
- girar 180°
- um 180° drehen
- 位置の転換１８０度

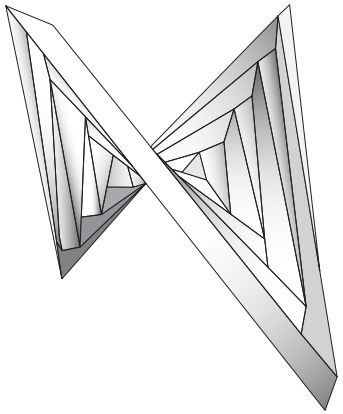


- fold inside
- insérer dedans
- doblar adentro
- nach innen falten
- 内側に折る



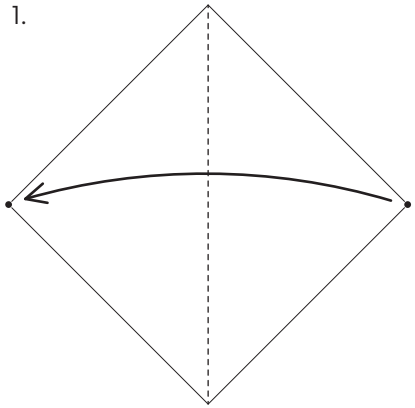
- zoom view
- vue agrandie
- ampliación
- vergrößerte Ansicht
- 拡大図

Hypar

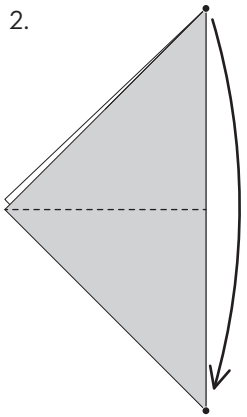


Paraboloïde
Hyperbolique
Paraboloide
Hiperbólico
Hyperbolisches
Paraboloid

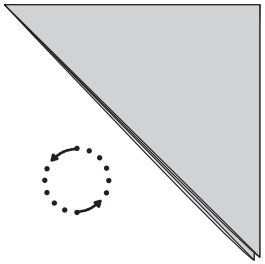
1.



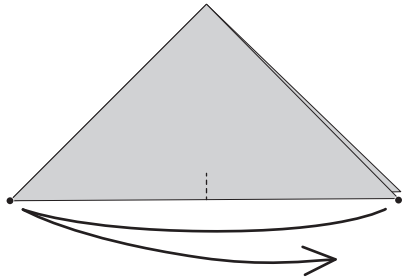
2.



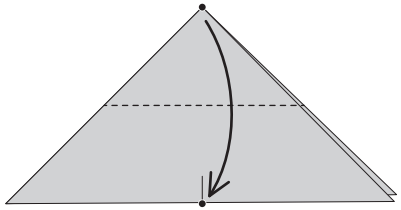
3.



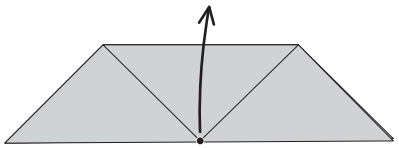
4.



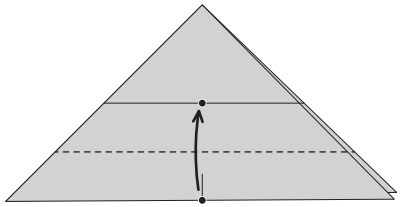
5.



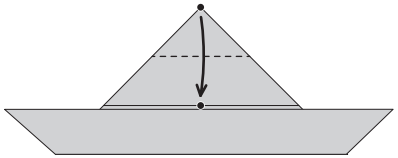
6.



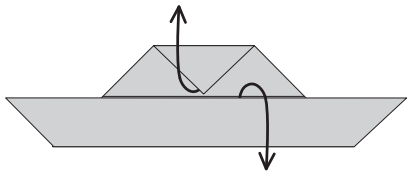
7.



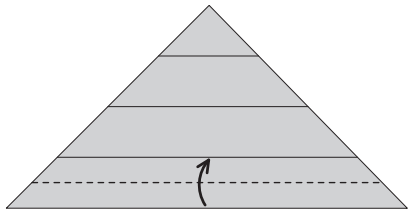
8.



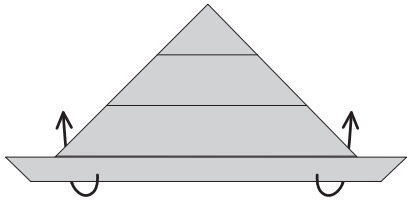
9.



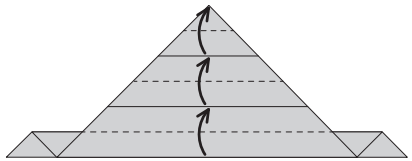
10.



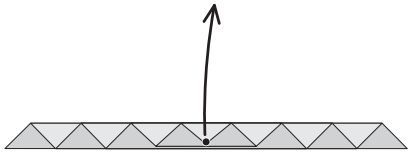
11.



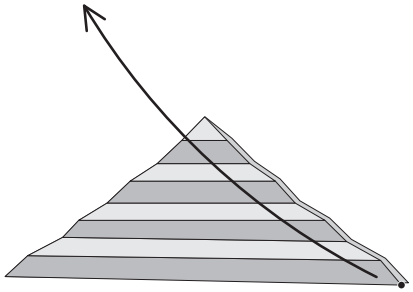
12.



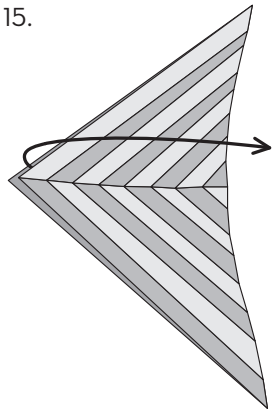
13.



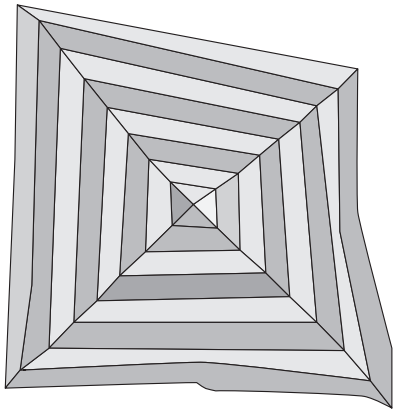
14.



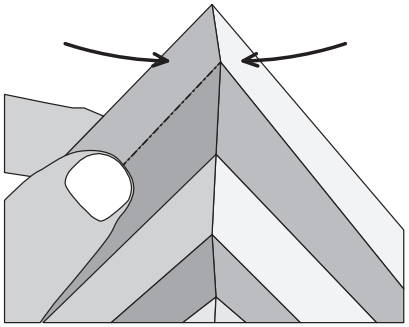
15.



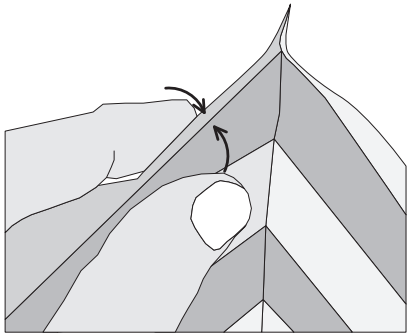
16.



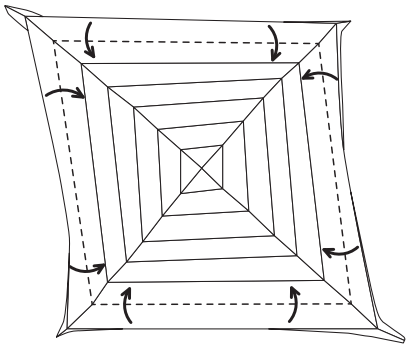
17.



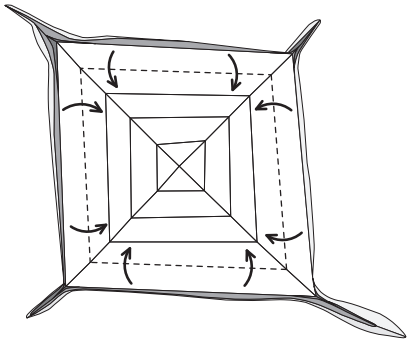
18.



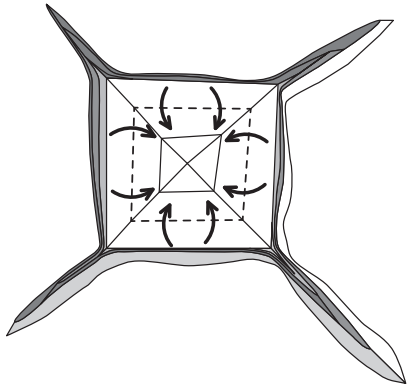
19.



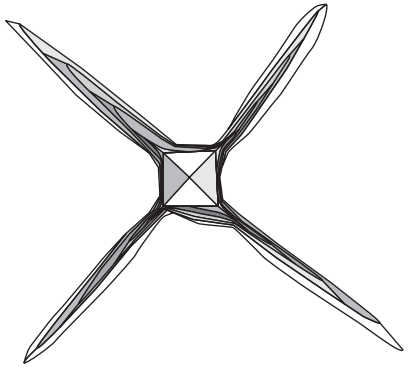
20.



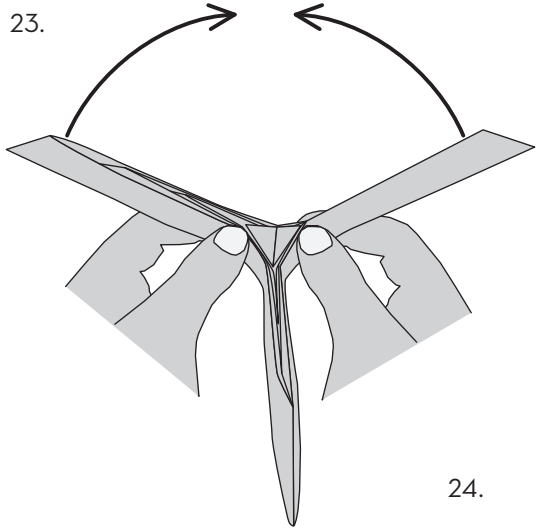
21.



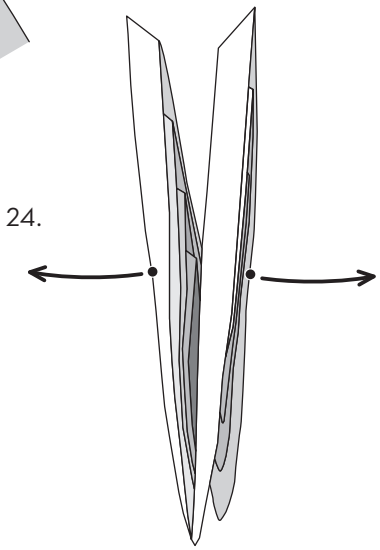
22.



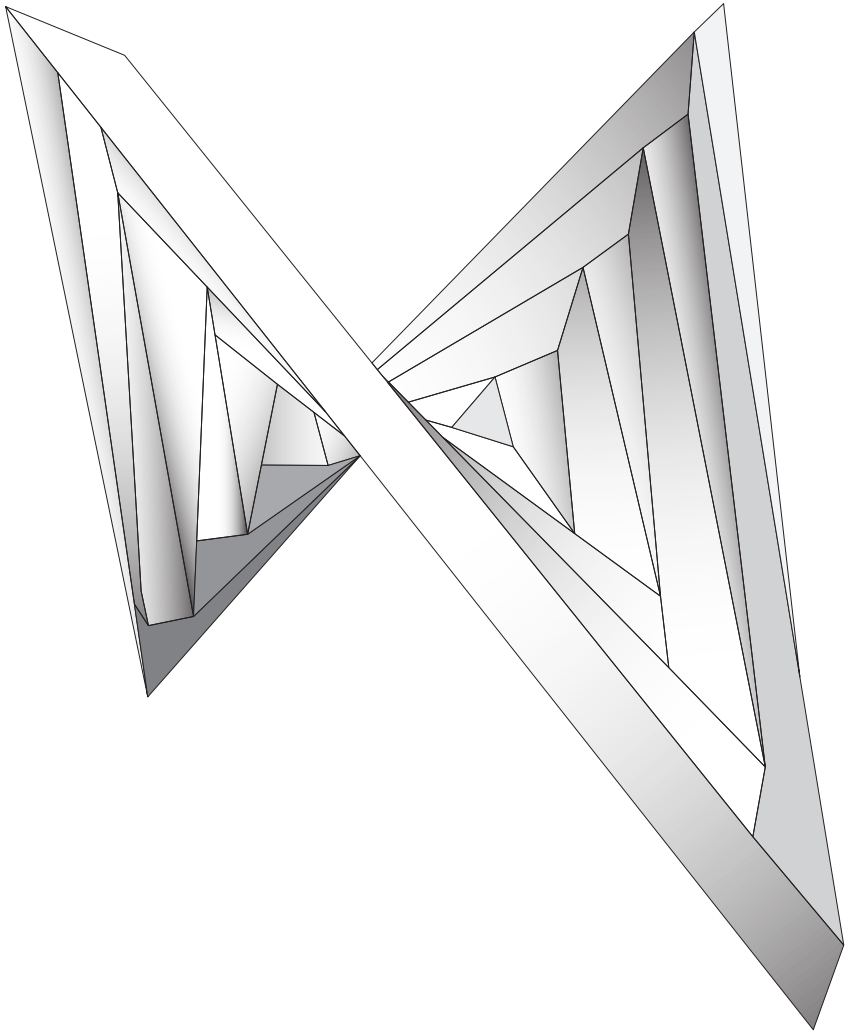
23.



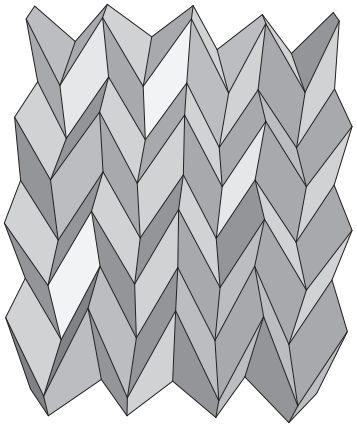
24.



25.

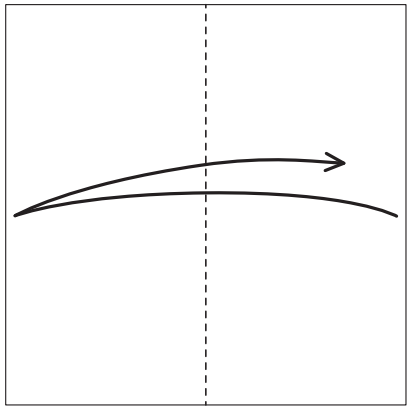


Basic Corrugation

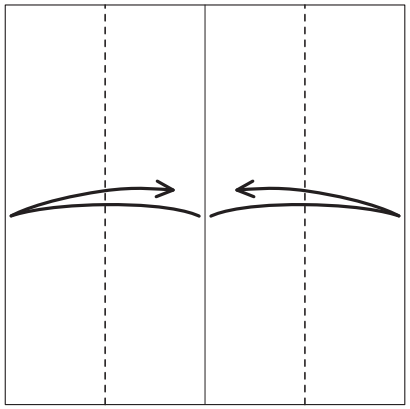


Ondulation Basique
Corrugado Básico
Grundwellen

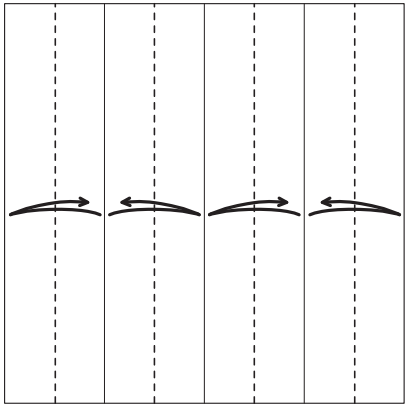
1.



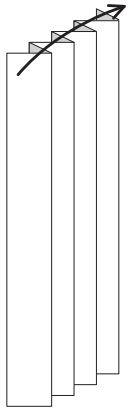
2.



3.

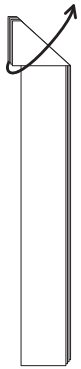


4.

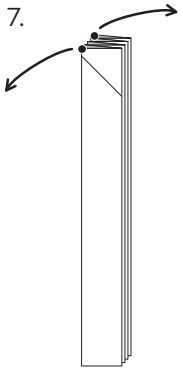


5.

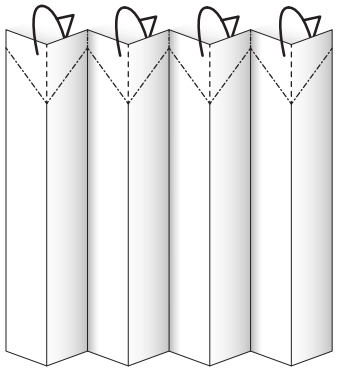
6.



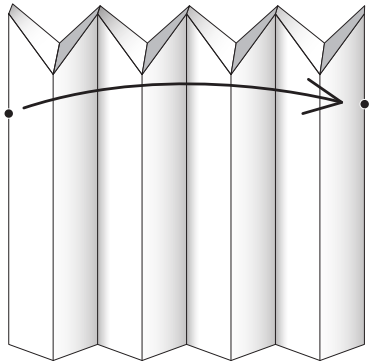
7.



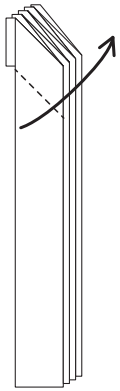
8.



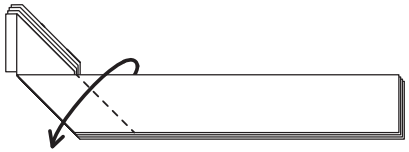
9.



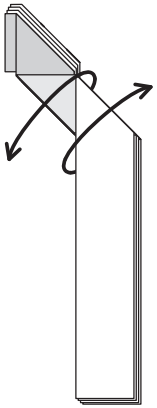
10.



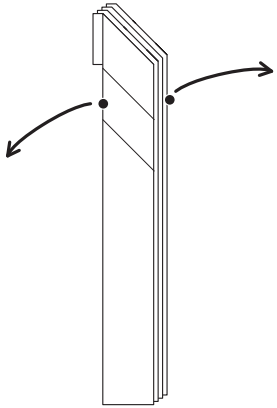
11.



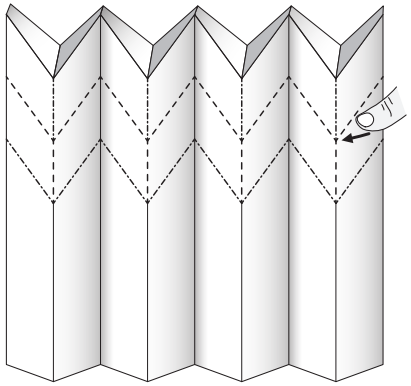
12.



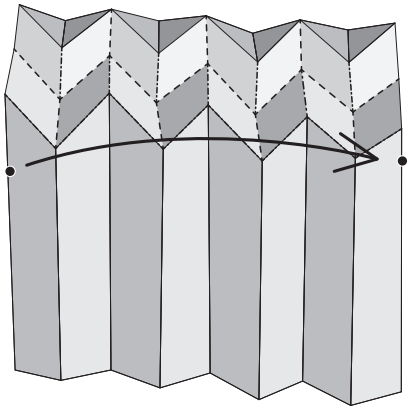
13.



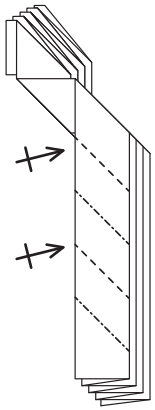
14.



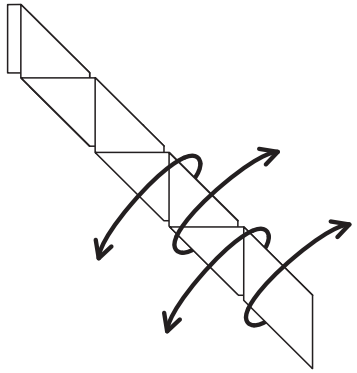
15.



16.

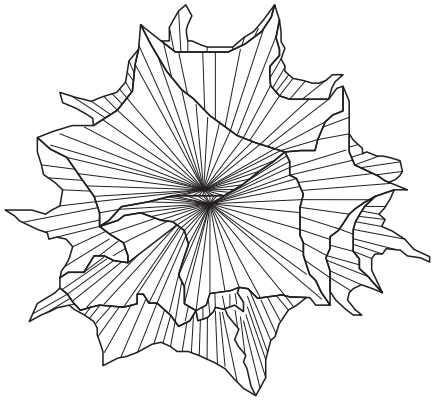


17.



18.

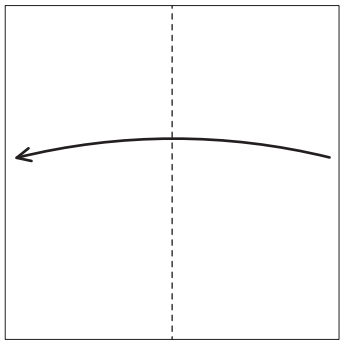
Crumpling



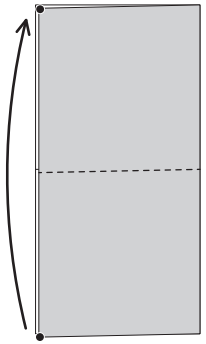
Froissement
Arrugado
Zerknittern

from the work of
Vincent Floderer

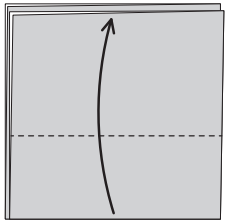
1.



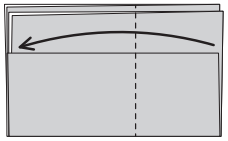
2.



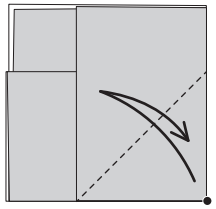
3.



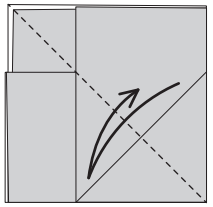
4.



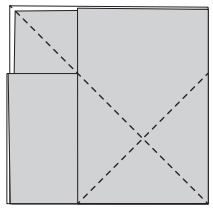
5.



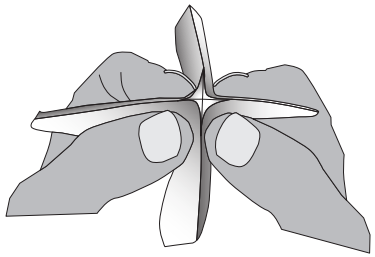
6.



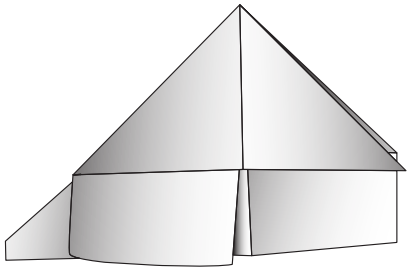
7.



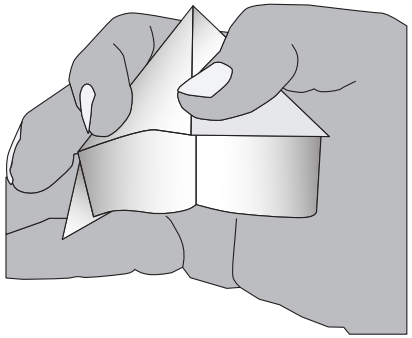
8.



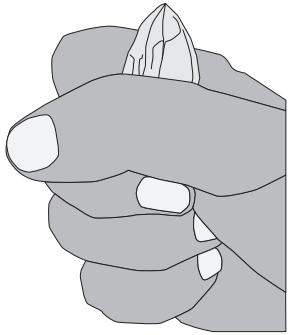
9.



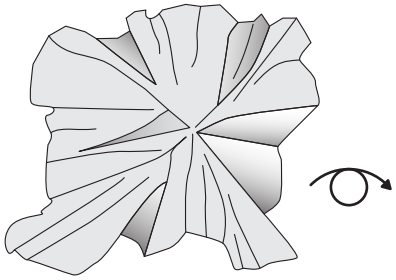
10.



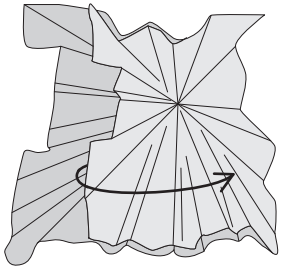
11.



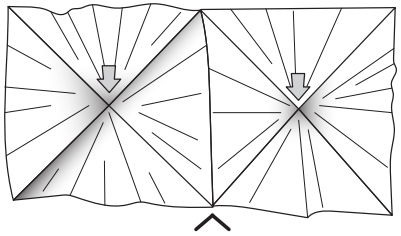
12.



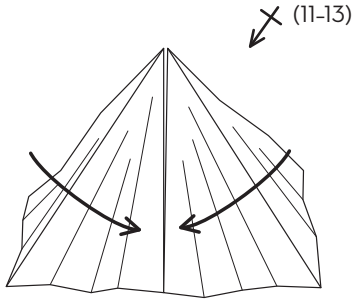
13.



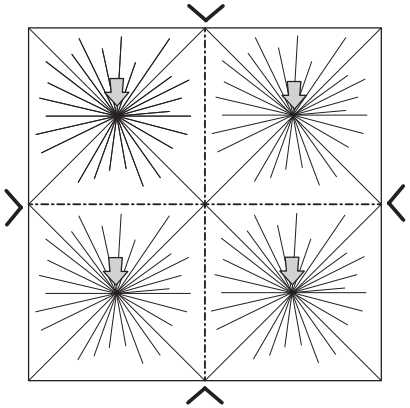
14.



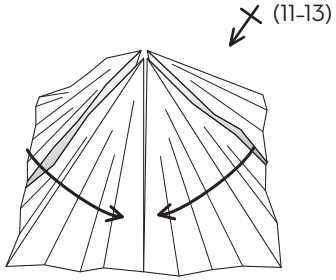
15.



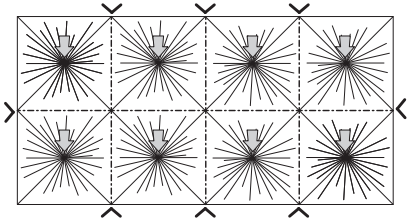
16.



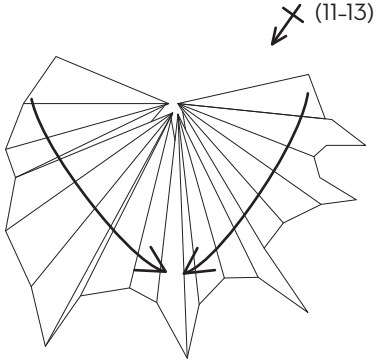
17.



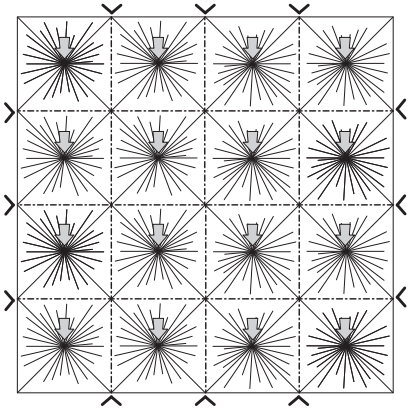
18.



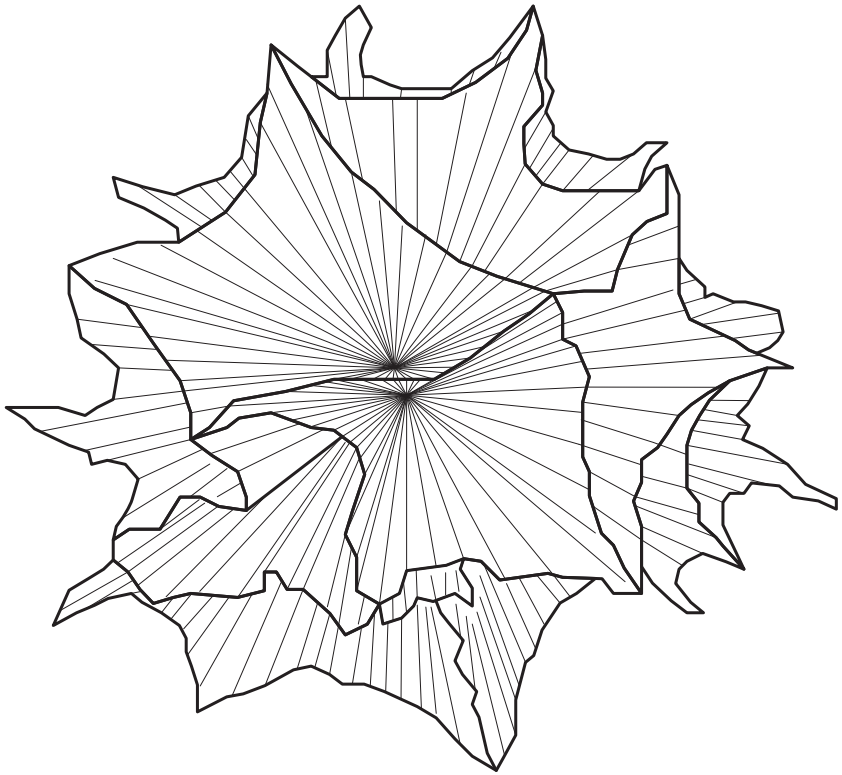
19.

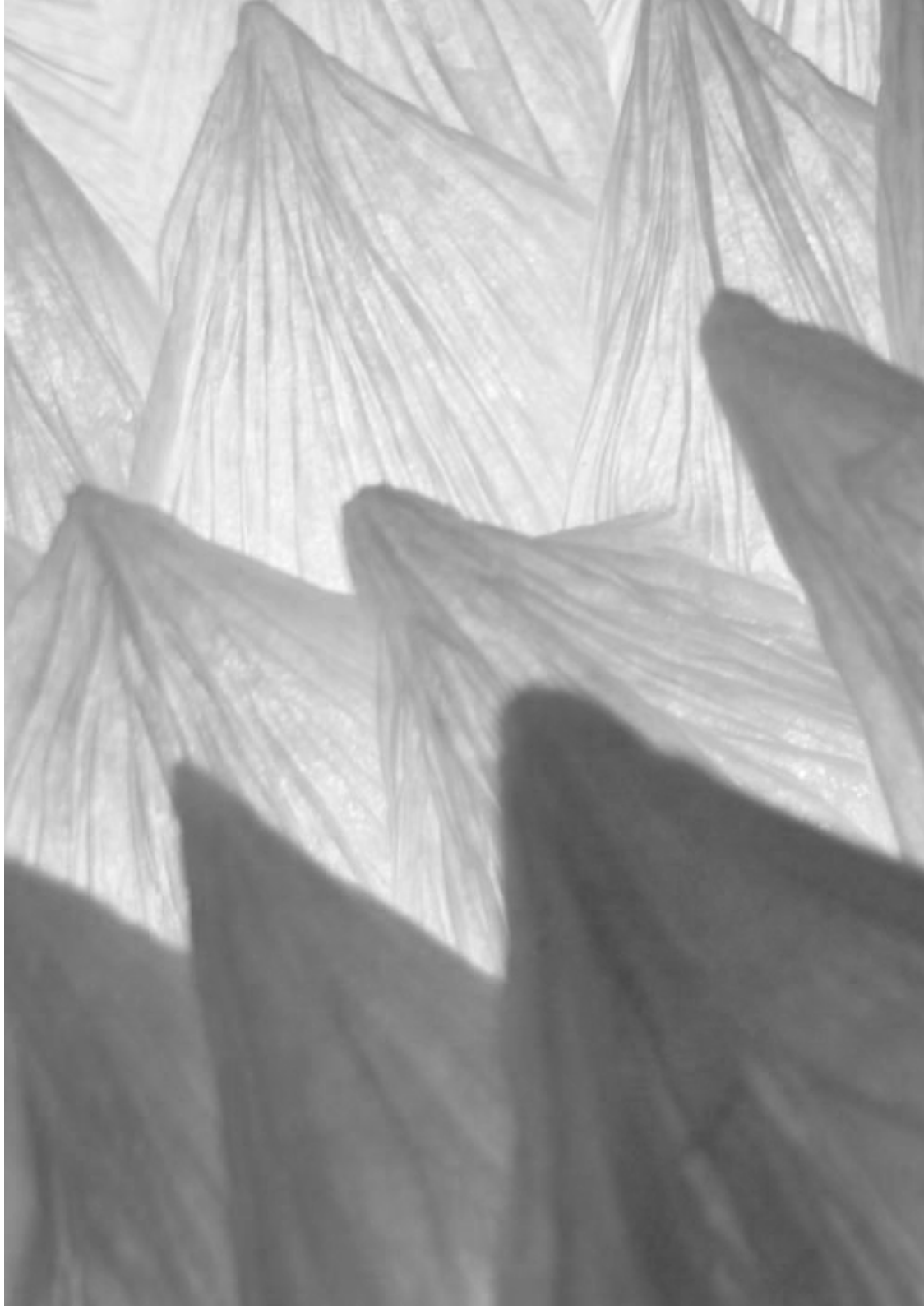


20.

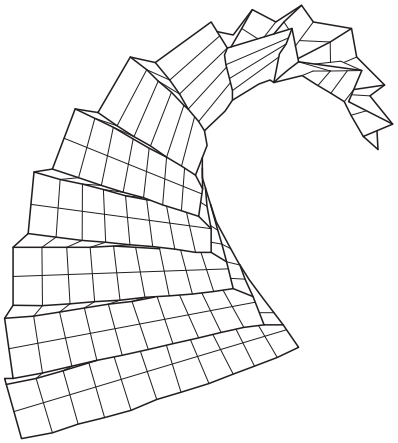


21.





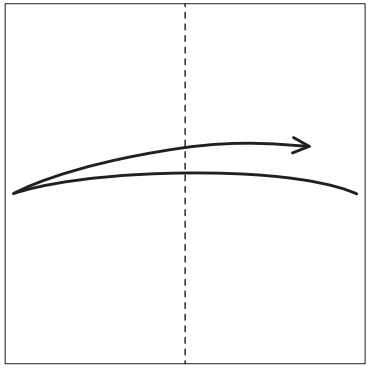
Wave



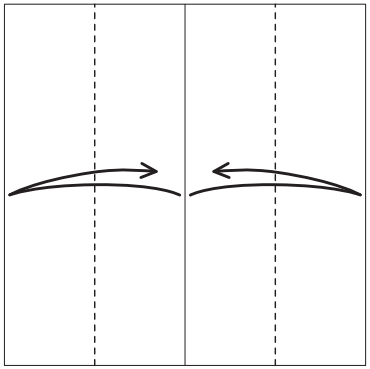
Vague
Onda
Woge

from the work of
Goran Konjevod

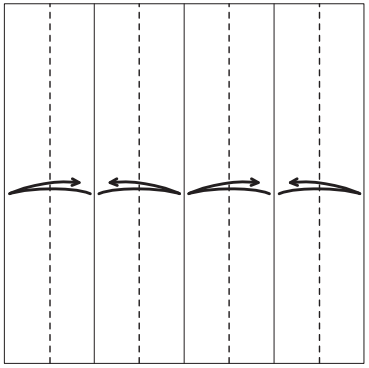
1.



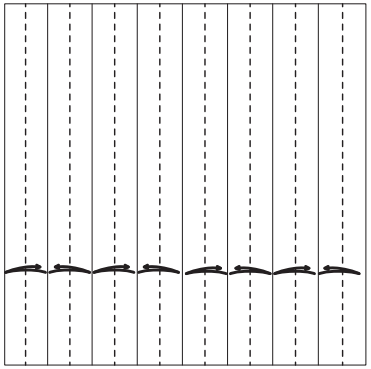
2.



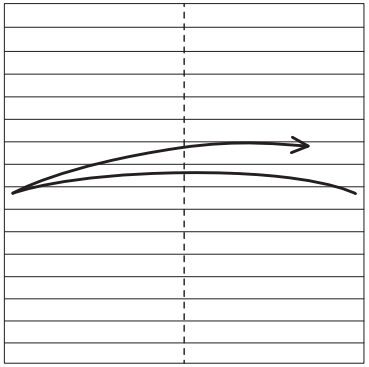
3.



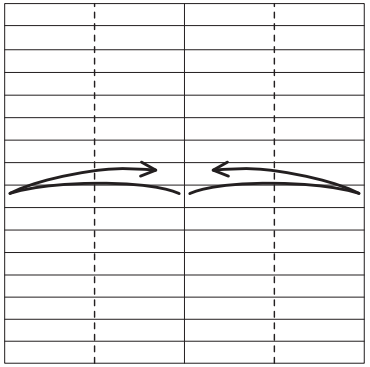
4.



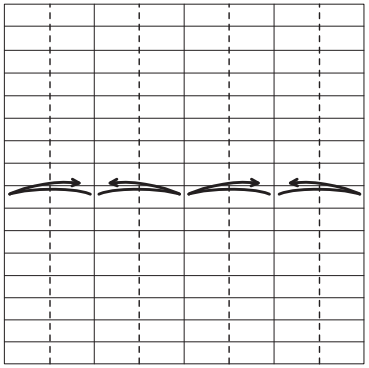
5.



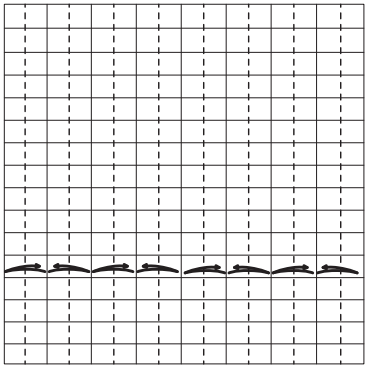
6.



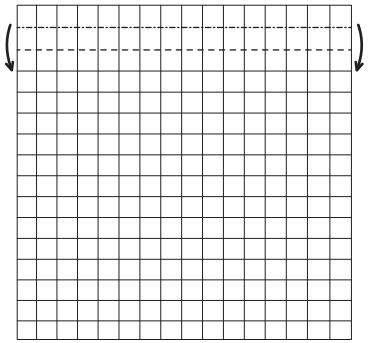
7.



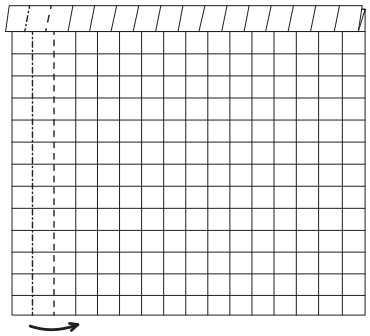
8.



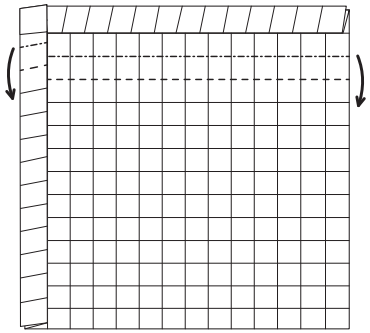
9.



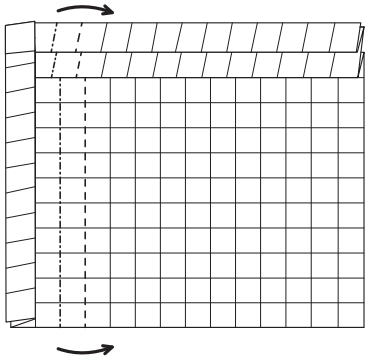
10.



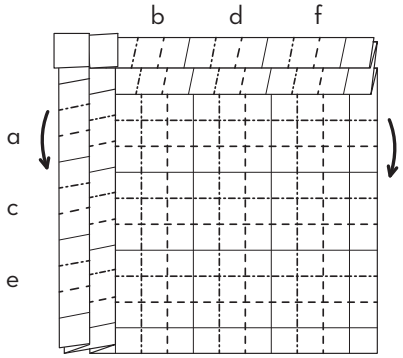
11.



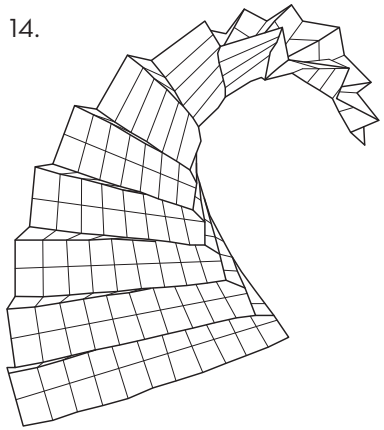
12.



13.



14.

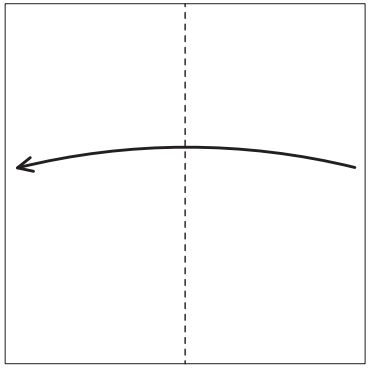


Circular Cutting

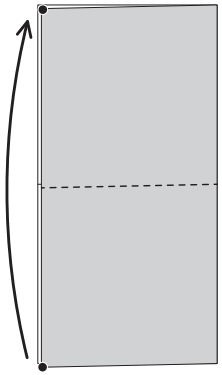
Coupe Circulaire
Corte Circular
Kreisschneiden

a large body of work with many possibilities.

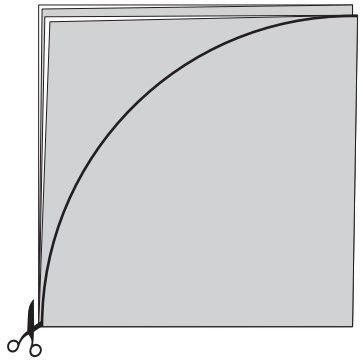
1.



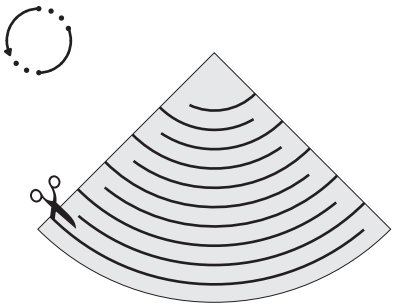
2.



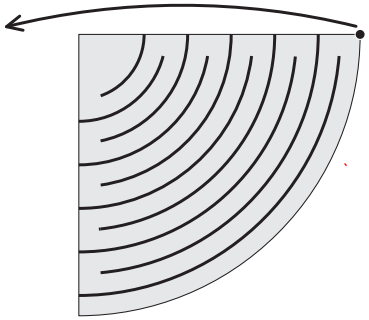
3.



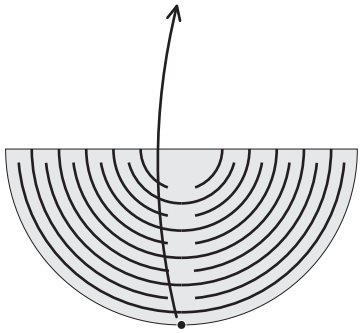
4.



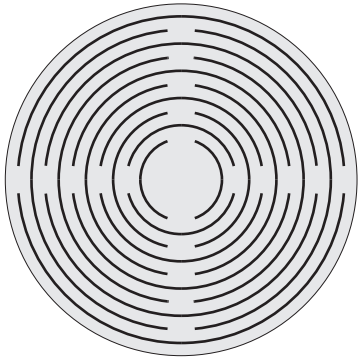
5.



6.



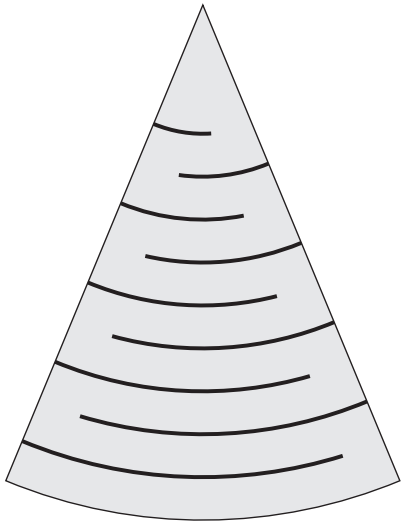
7.

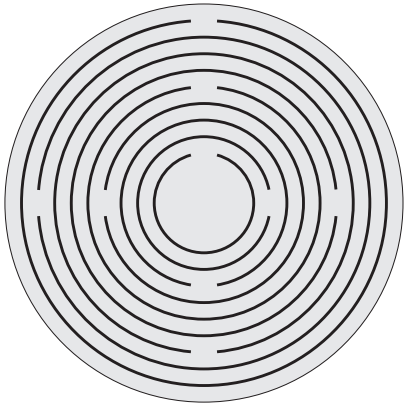
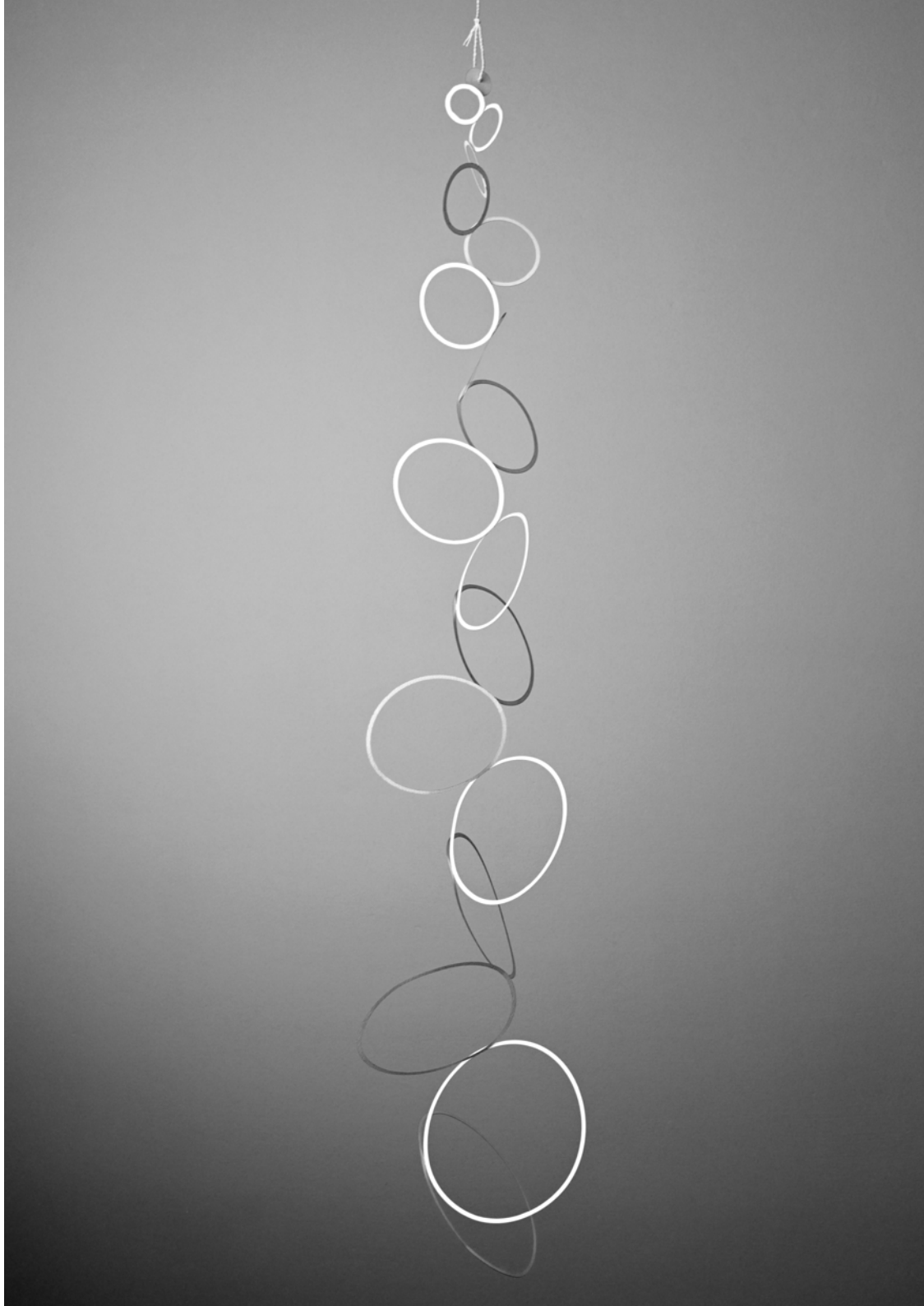


8.

Try these other geometries for circular cutting. What are the results? How does it change? It may surprise you.

Fold circle into 8ths
If paper permits, try again folding into 16ths. What do you notice?





Sometimes, the most interesting results stem from simplicity and economy of movement. A simple pattern of one connected segment, rotating at 90 degrees, yields the impressive structure shown to the right.