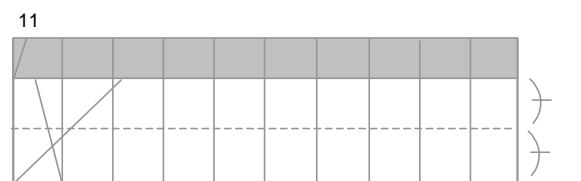
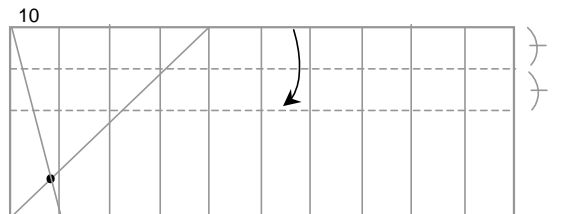
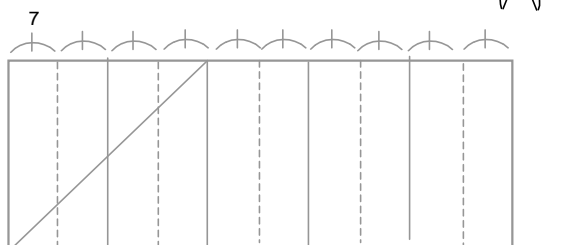
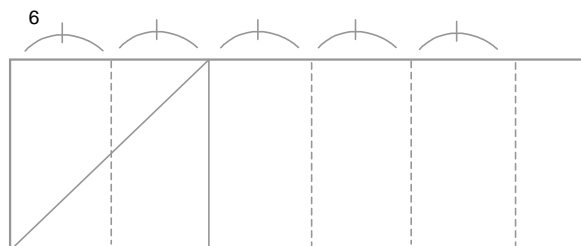
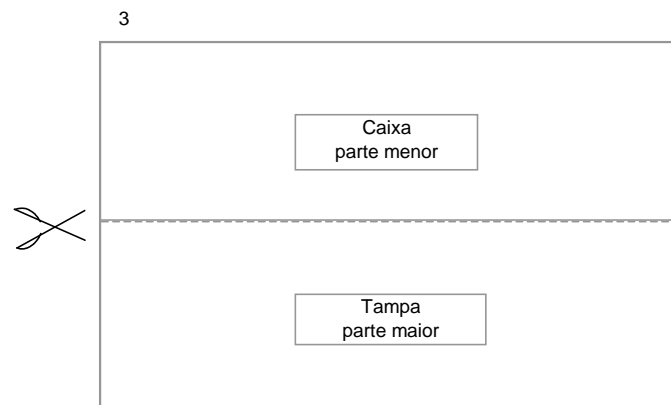
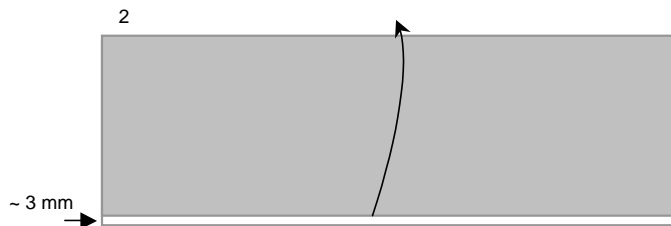
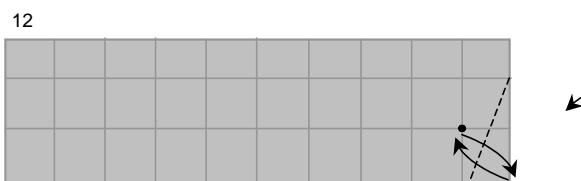
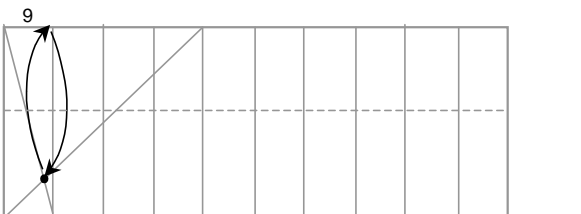
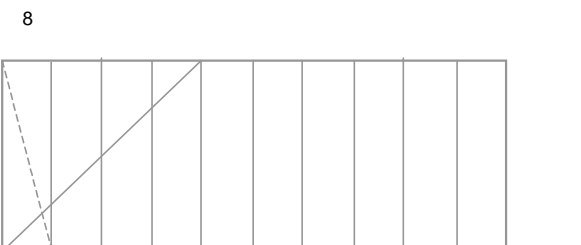
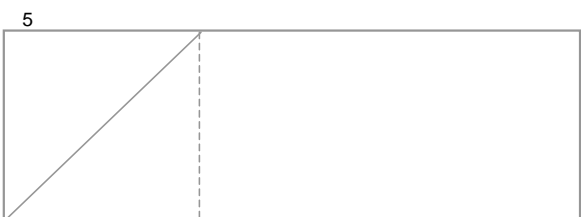
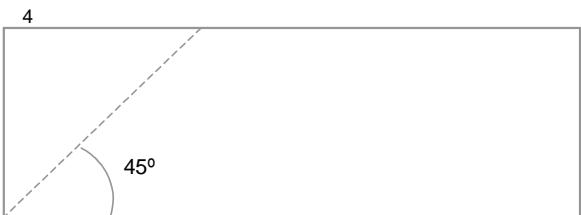
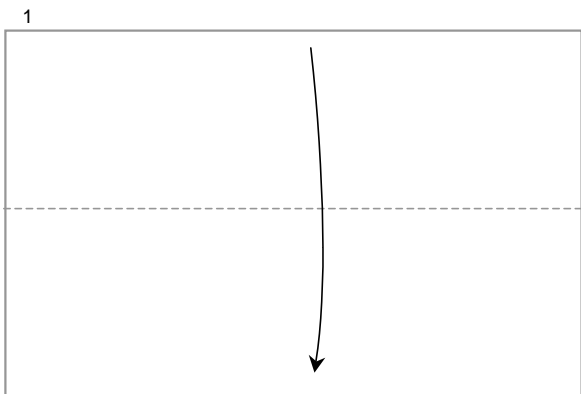


Caixa origami eneagonal e heptagonal

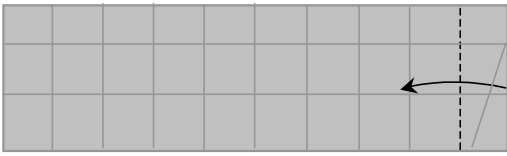
Transformação: Hideo Kumayama

Diagramação: Márcia Moura

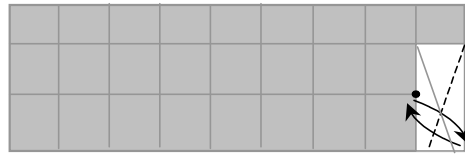
I. Caixa e tampa eneagonal a partir do papel A4



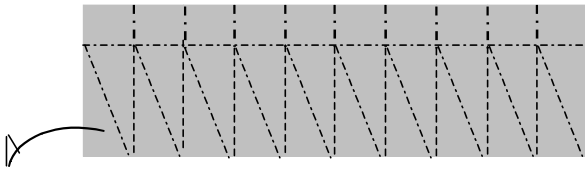
13



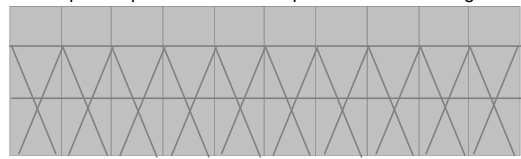
14



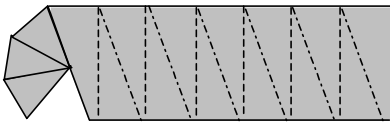
16. Defina as linhas vale e montanha



15. Repita os passos de 12 a 14 para os outros retângulos.



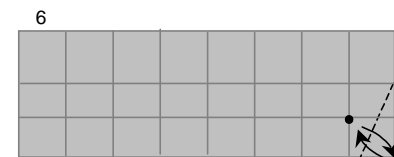
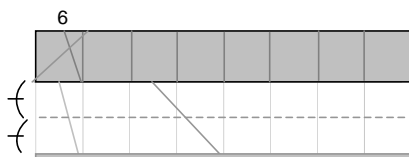
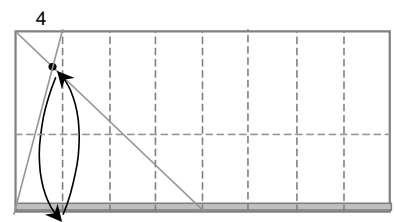
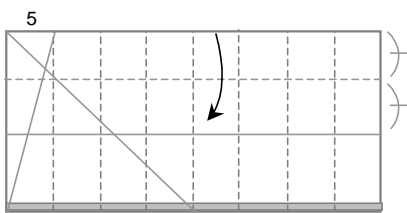
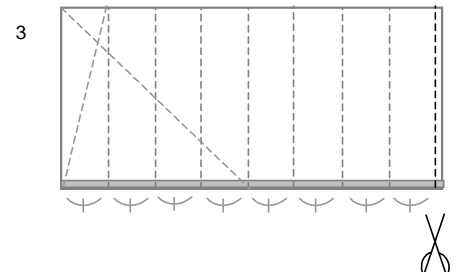
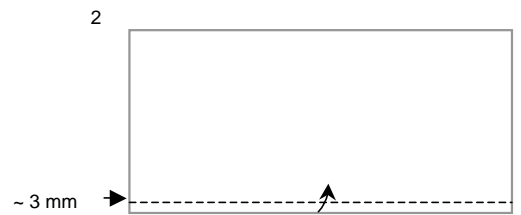
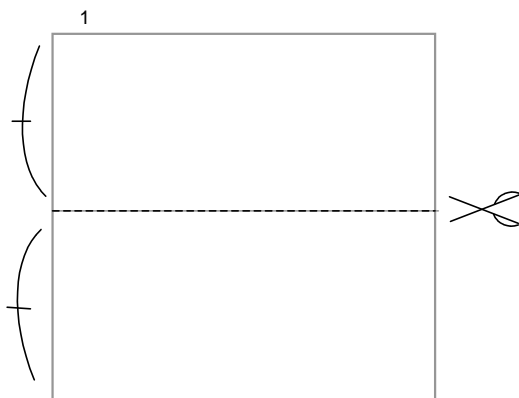
17. Vá sobrepondo as dobras montanha às dobras vale, formando o fundo da caixa.



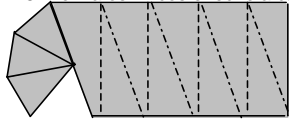
Siga a mesma diagramação para construir a tampa.
Invertendo as dobras na tampa obteremos o formato de uma flor.



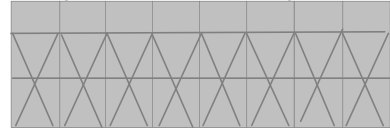
II Caixa e tampa heptagonal com papel quadrado



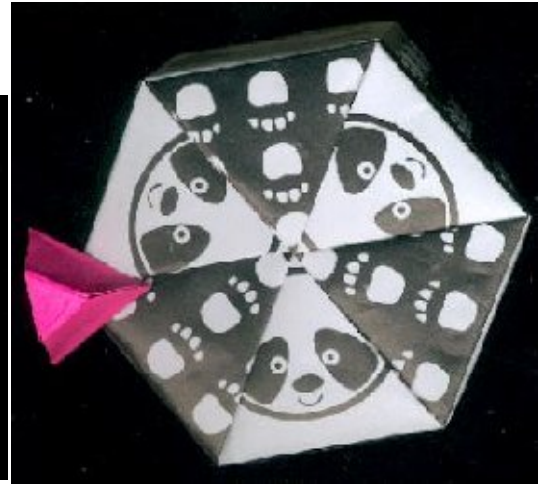
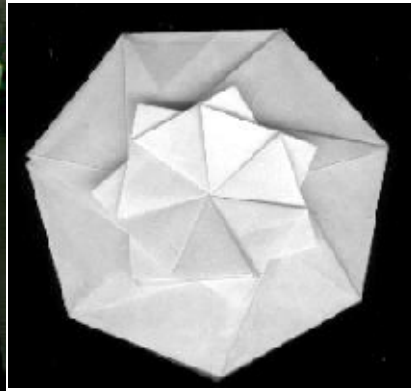
8. Defina os vincos e feche a caixa



7. Repita os passos de 12 a 17 da caixa eneagonal para os outros retângulos.



Observe que dobramos uns 3 mm na largura e recortamos a sobra no comprimento. Para fazer a tampa utilizamos a outra metade sem reduzir, seguindo os mesmos passos.



Observações:

As diagramações das caixas e tampas eneagonais e heptagonais são muito parecidas.

Esta diagramação permite fazer caixas eneagonais e heptagonais a partir de qualquer papel retangular.

Uma alternativa interessante é aproveitar as estampas dos papéis de presente para construir caixas.

Caixa eneagonal e heptagonal. São Paulo, 13 de outubro de 2005
referências: Mick Guy. Geometric Division. British Origami Society. 1978/1998.
Fushimi, Koji e Mitsue. Origami no Kikagaku. A geometria do Origami. 1979. Japan.
Robert J. Lang. Origami and Geometric Constructions. 1996/2003.

Transformação: Hideo Kumayama.
hkumayama@yahoo.com.br
Diagramação: Márcia Moura.
marcia.fisica@telefonica.com.br