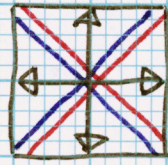
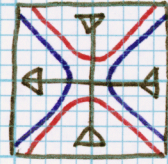


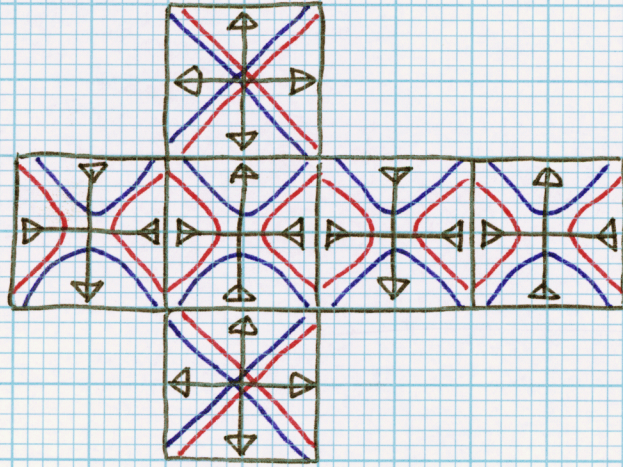
Cross tile



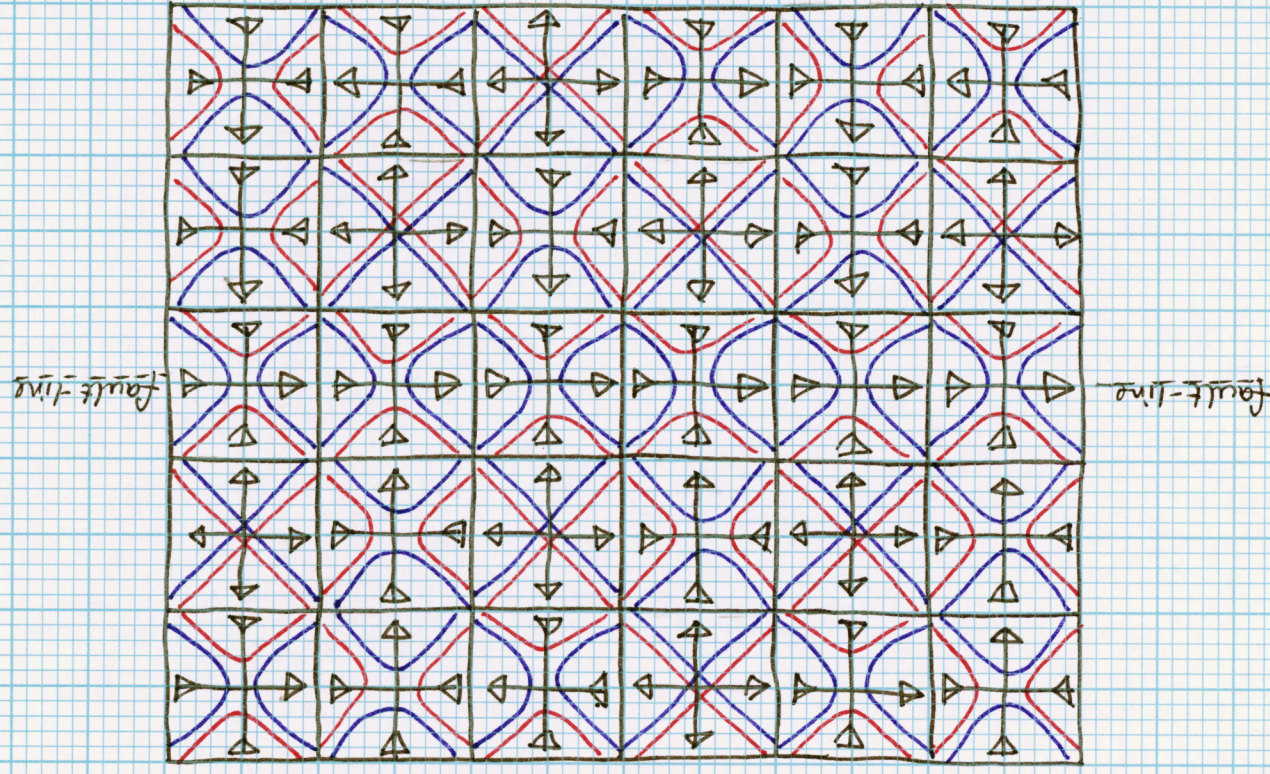
Arrow tile



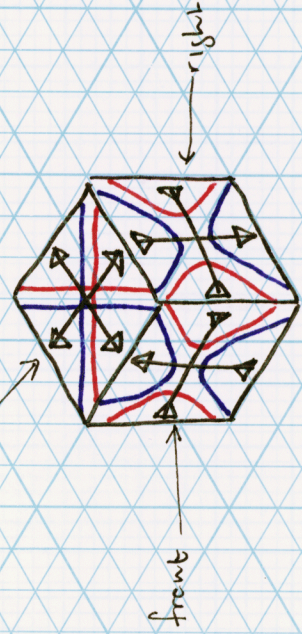
Coloured stripes match  
across vertices.  
'Out' arrow matches to  
'in' arrow.



Unfolded Cube - mirror image is  
not distinct  
when folded.



top plane



Cube - 3D view

Section of a tiling with a fault-line.

Cross is opposite Arrow tile at distance  $2^0$   
from fault-line. If right  $1/2$  plane is  
shifted up one unit this misalignment  
is corrected but another exists at  
distance  $2^1$ . Generally, misalignments  
can occur at distances  $2^k$  from the  
fault-line. Shifting right  $1/2$  plane down  
one unit leaves possibility of misalignment  
for  $2^k, k > 1$ .