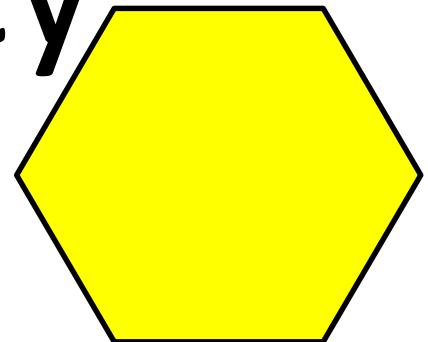
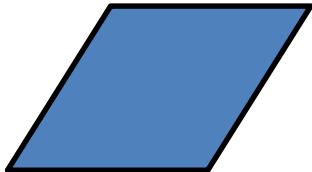


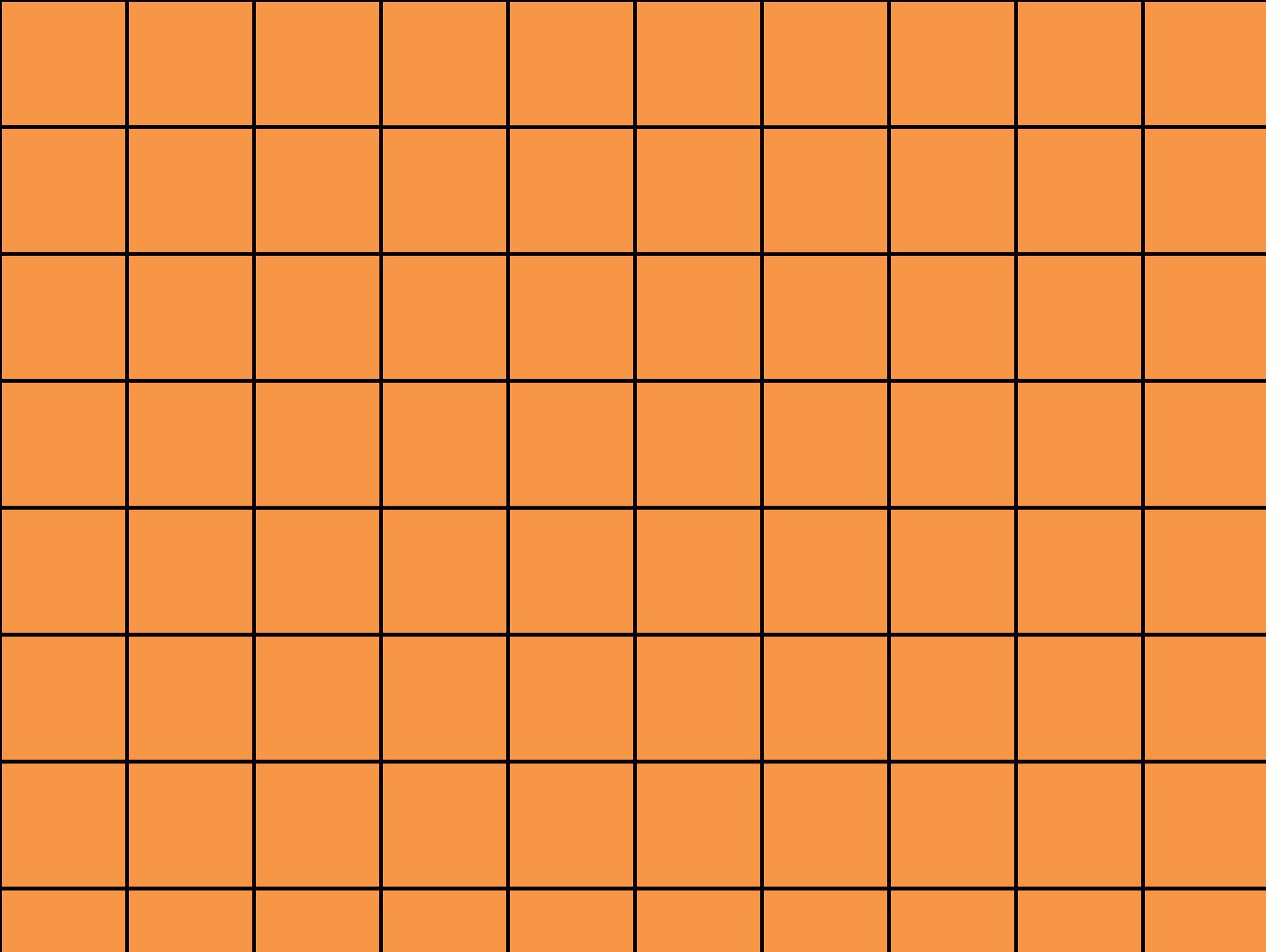
Tesselations

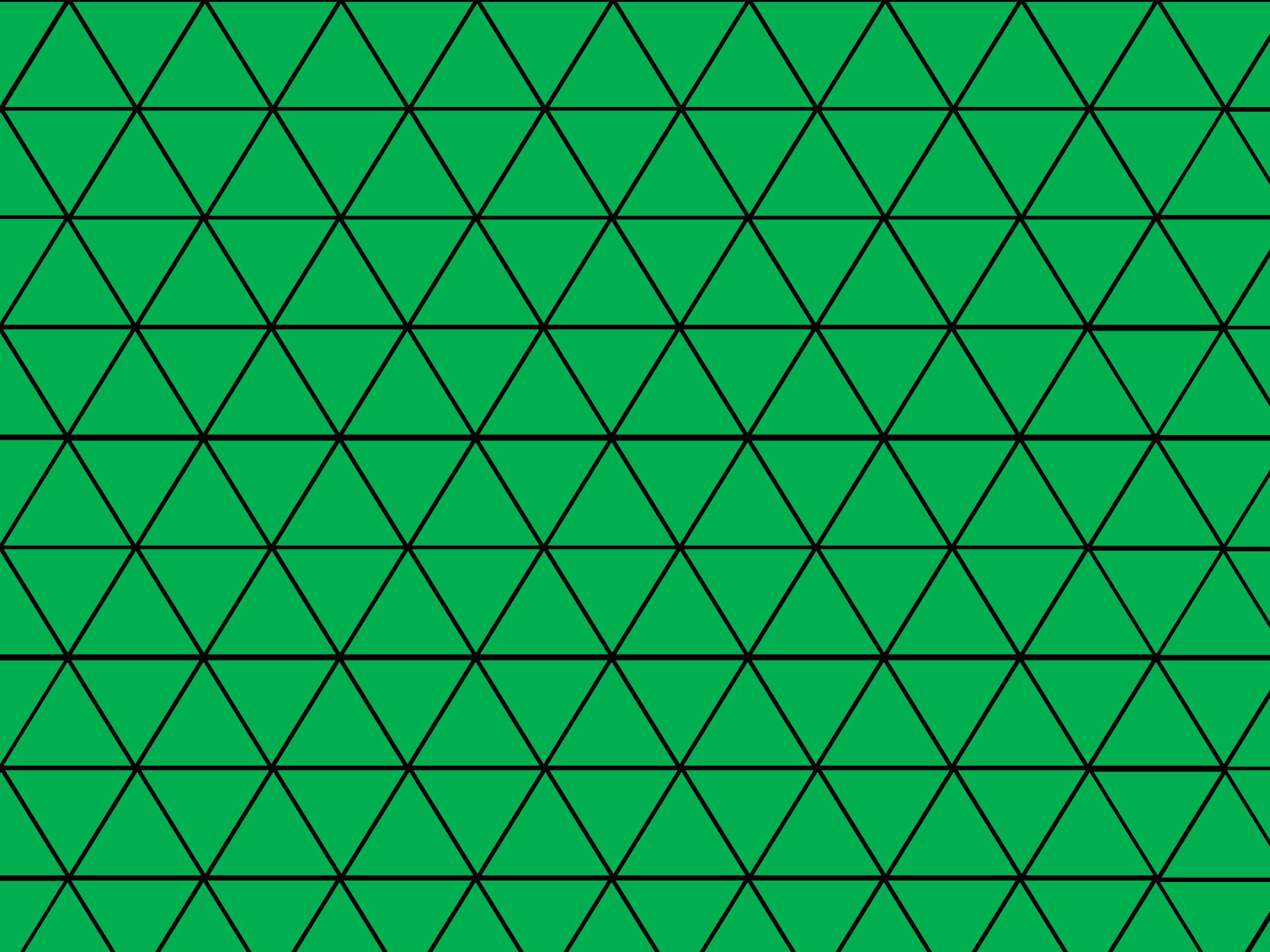
Tiling Activity



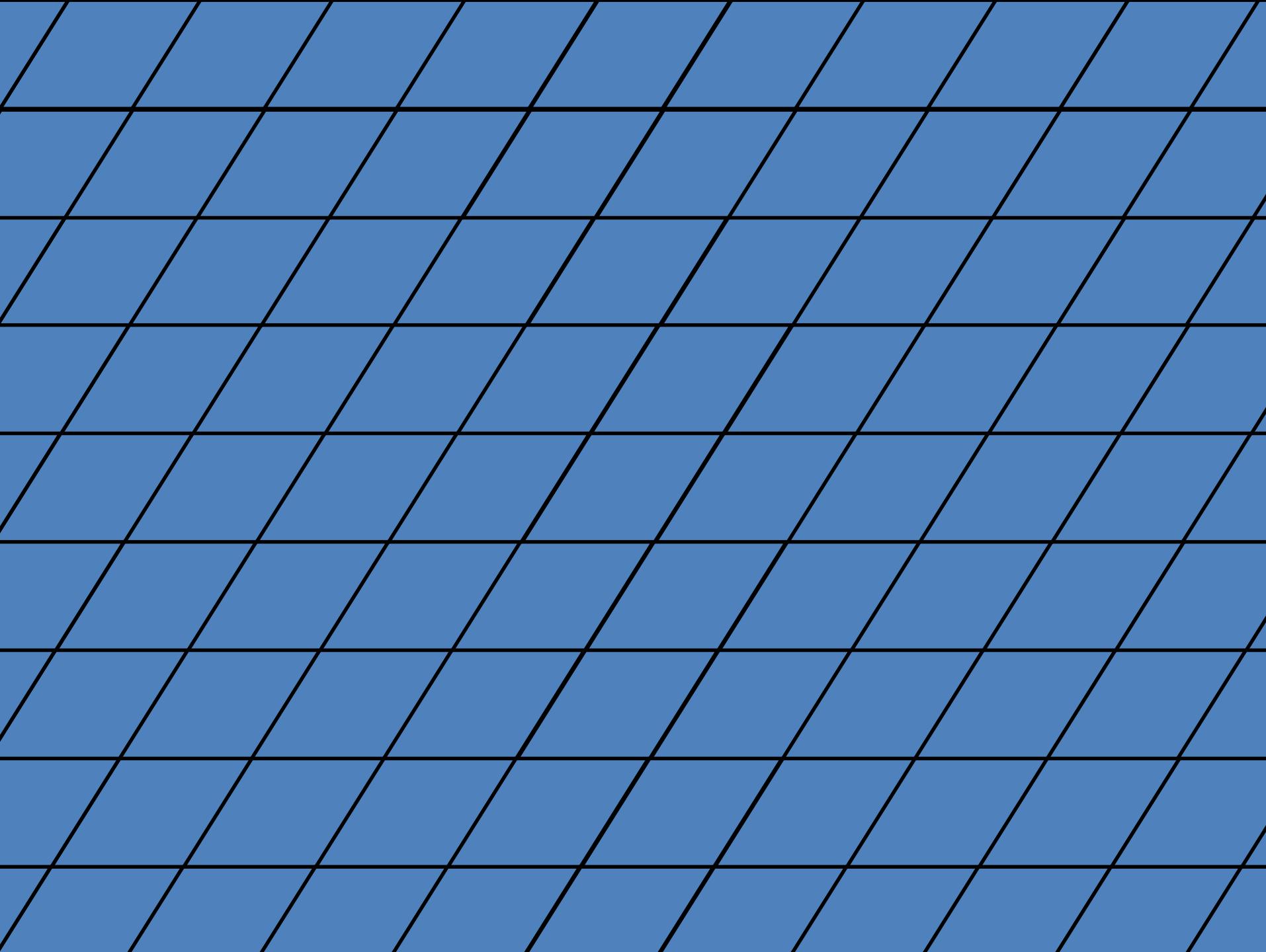
- A **tessellation** of a flat surface is the tiling of a plane using one or more geometric shapes, called tiles, with no overlaps and no gaps.

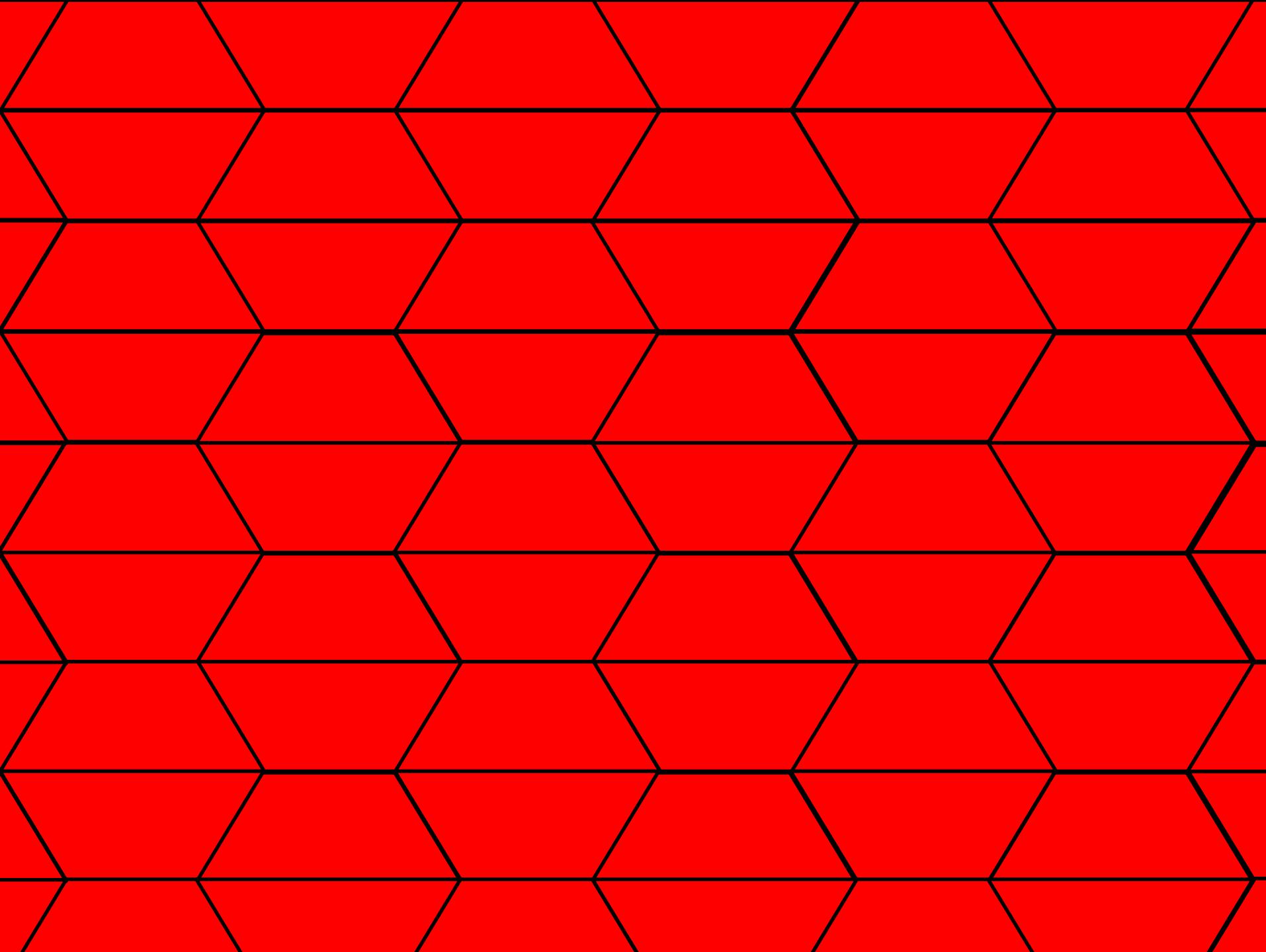
Tiling the plane
with 1 Shape

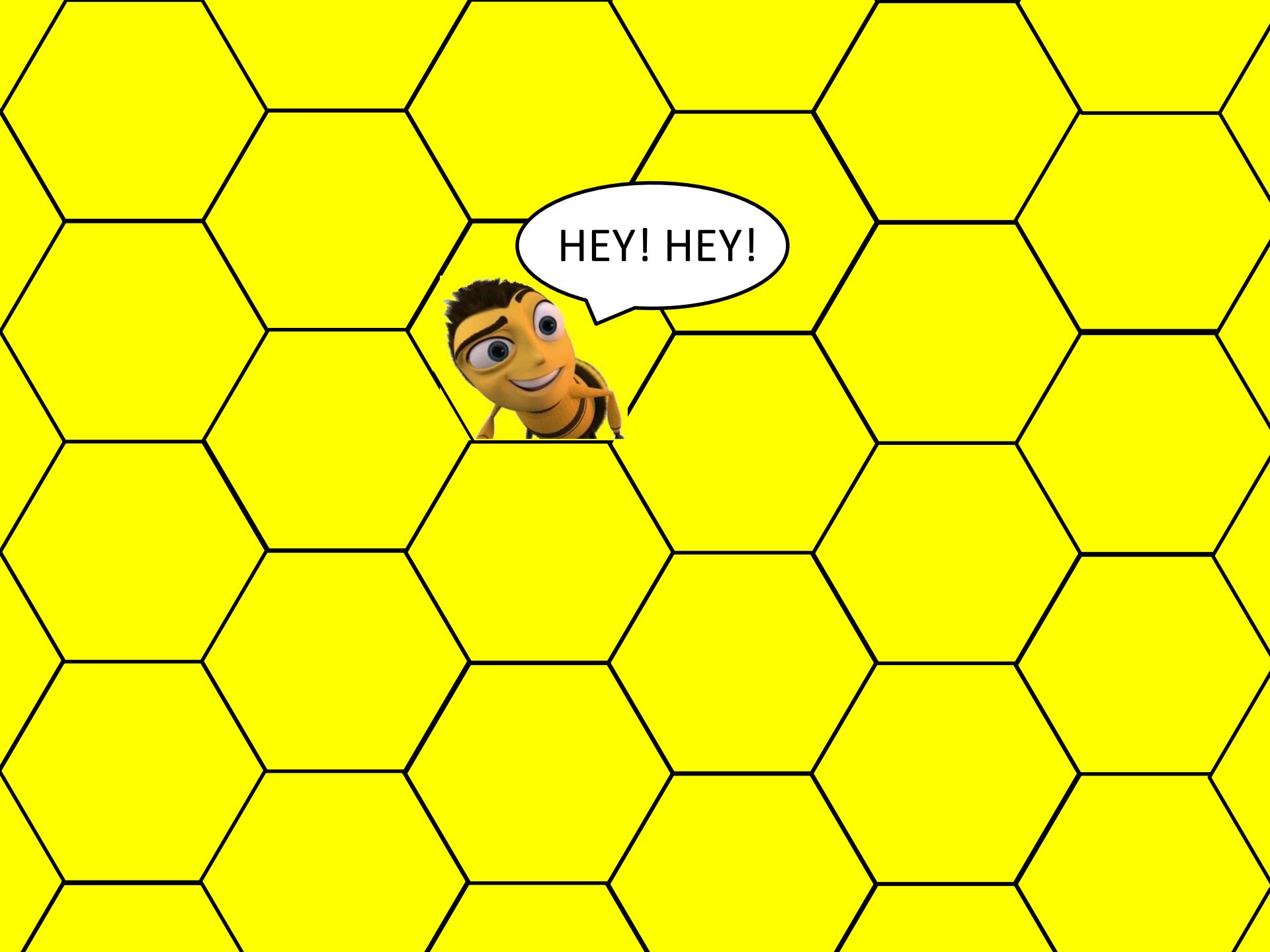




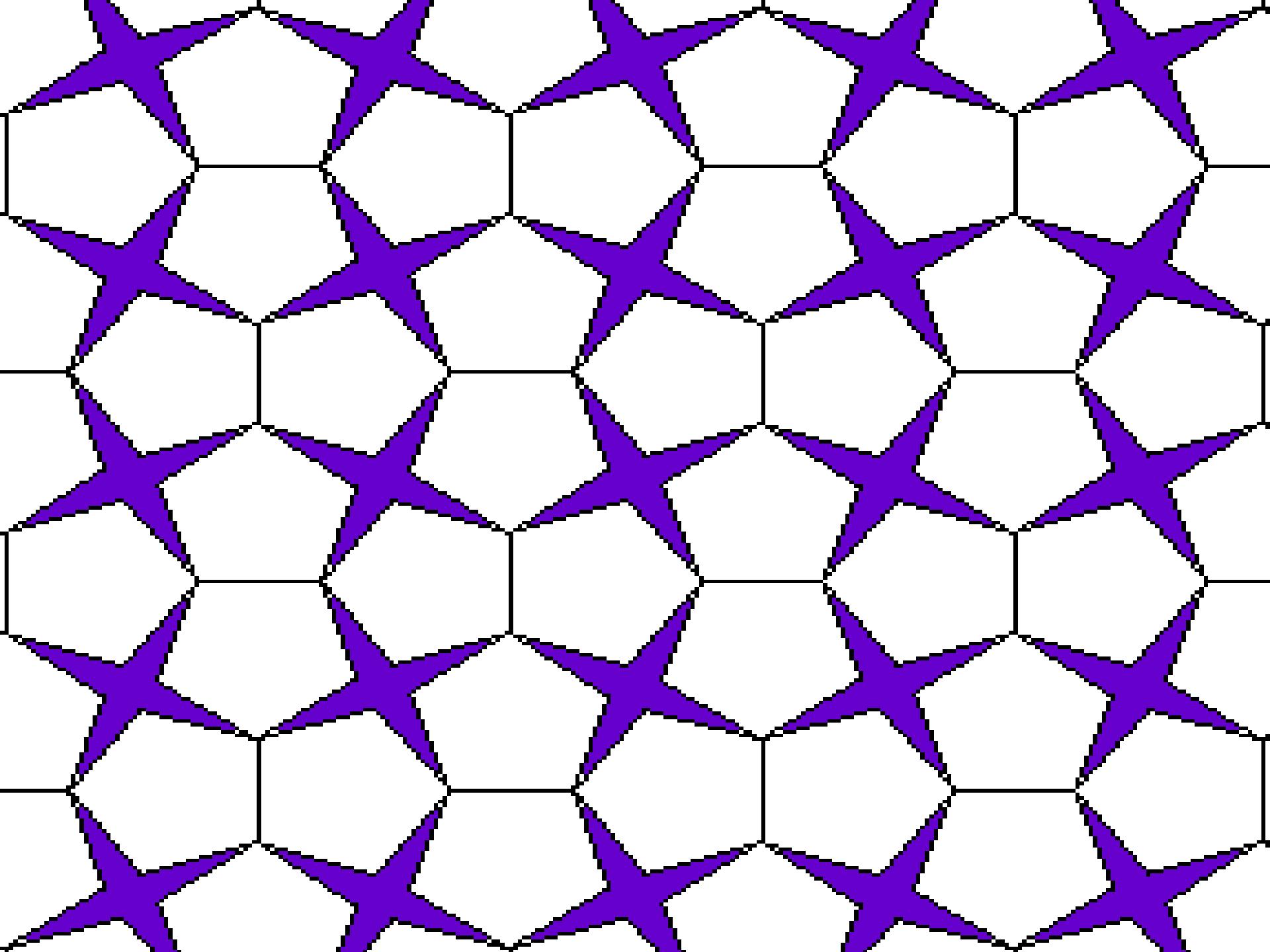


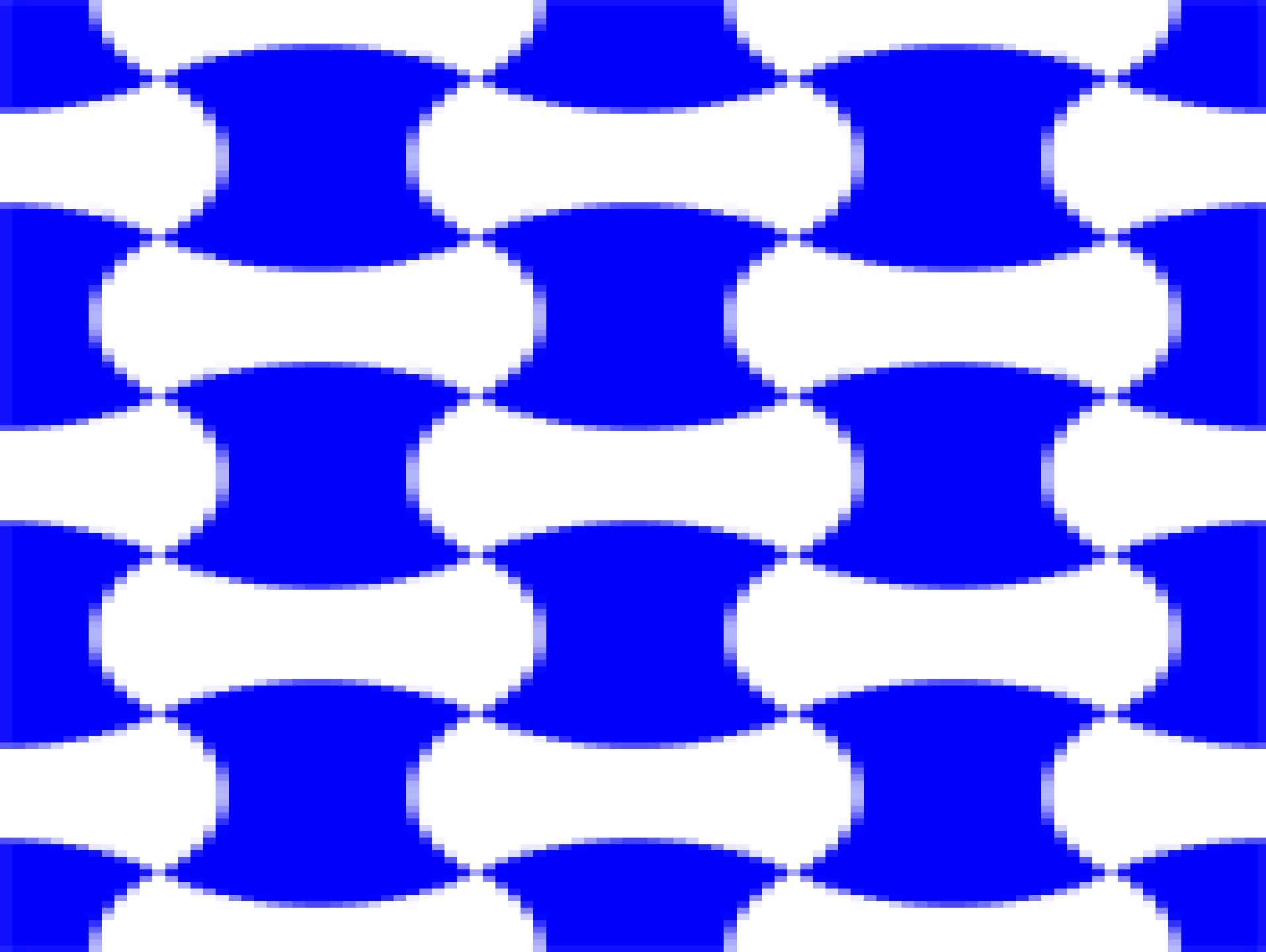


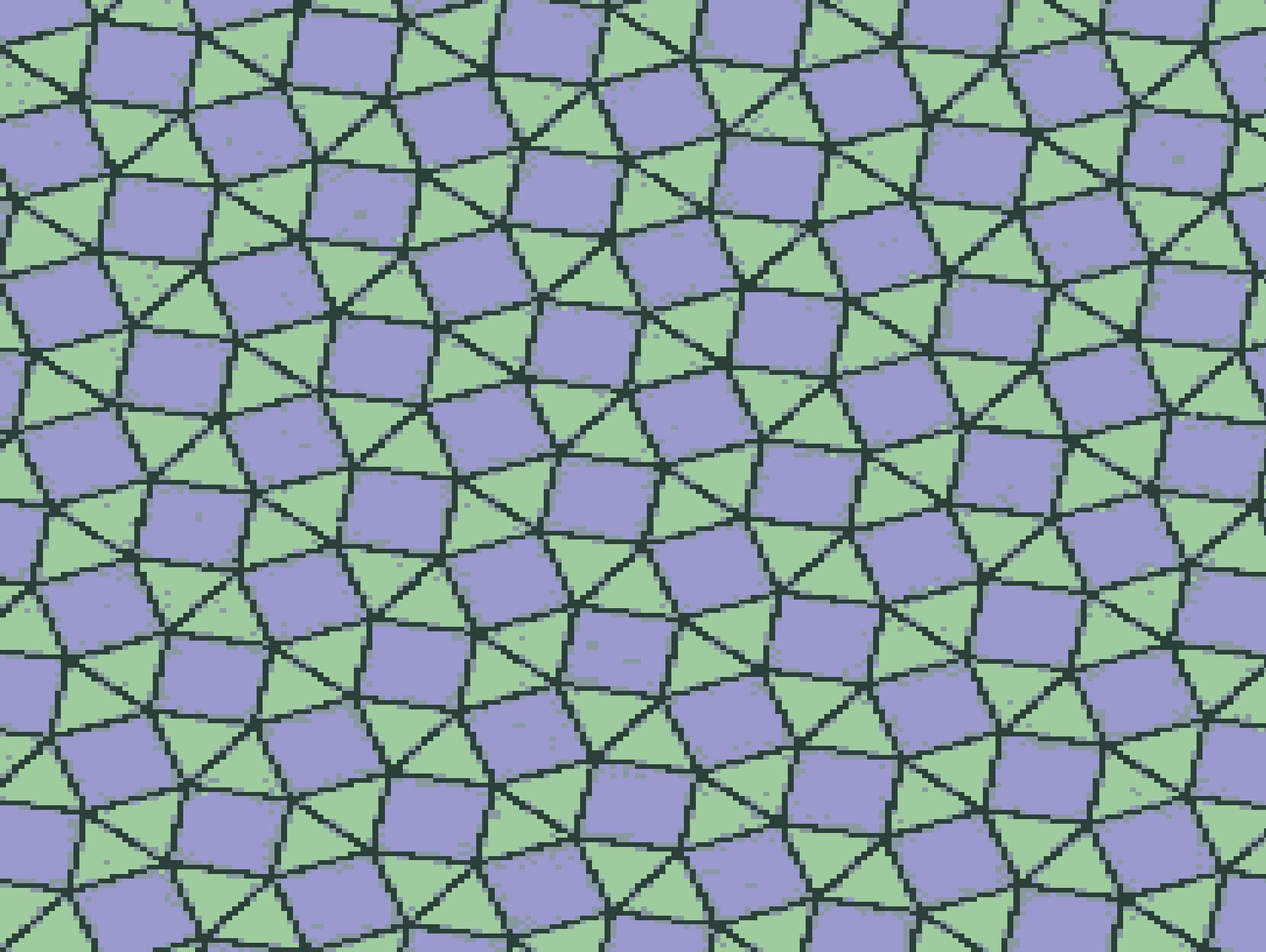


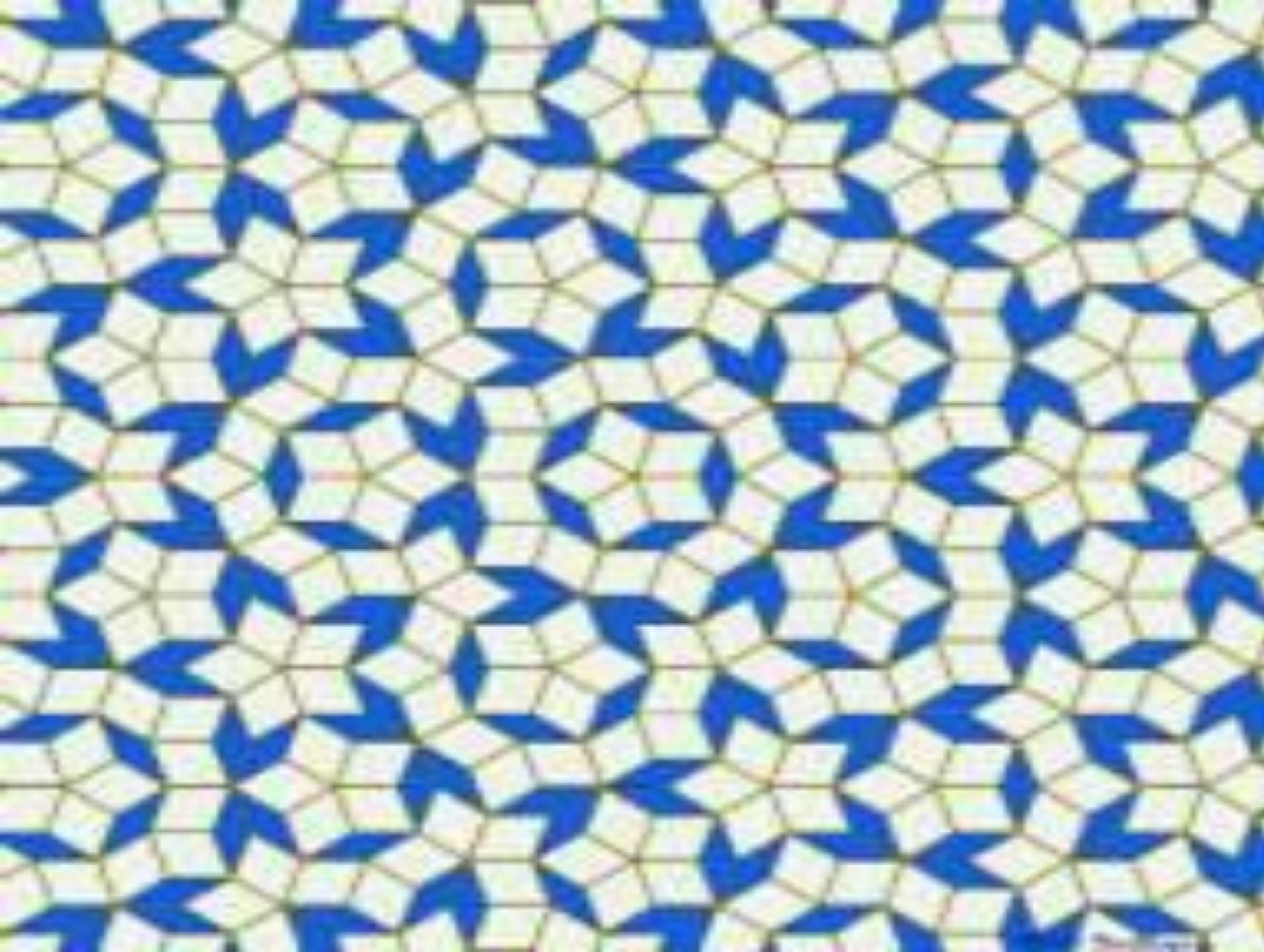


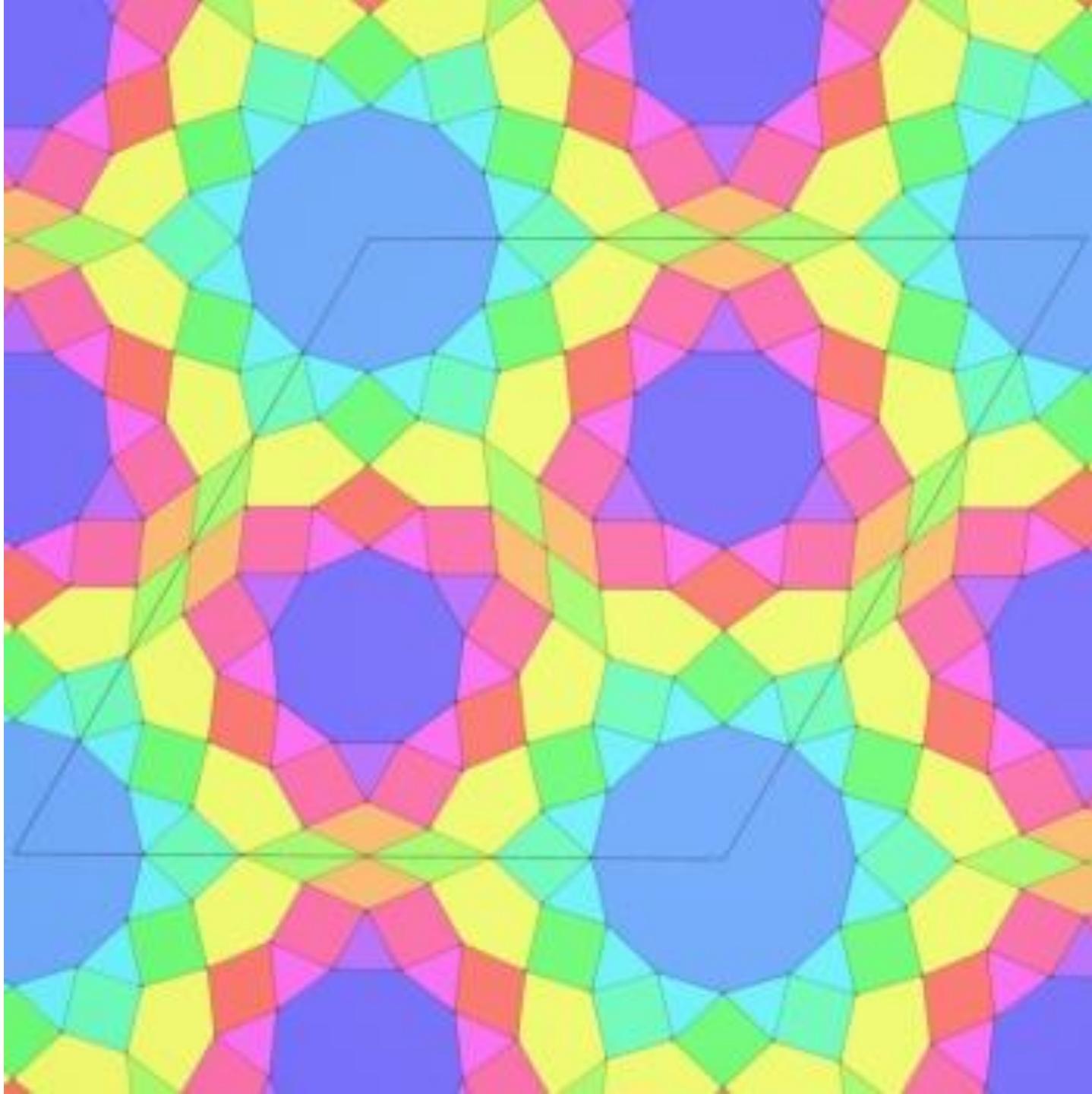
HEY! HEY!

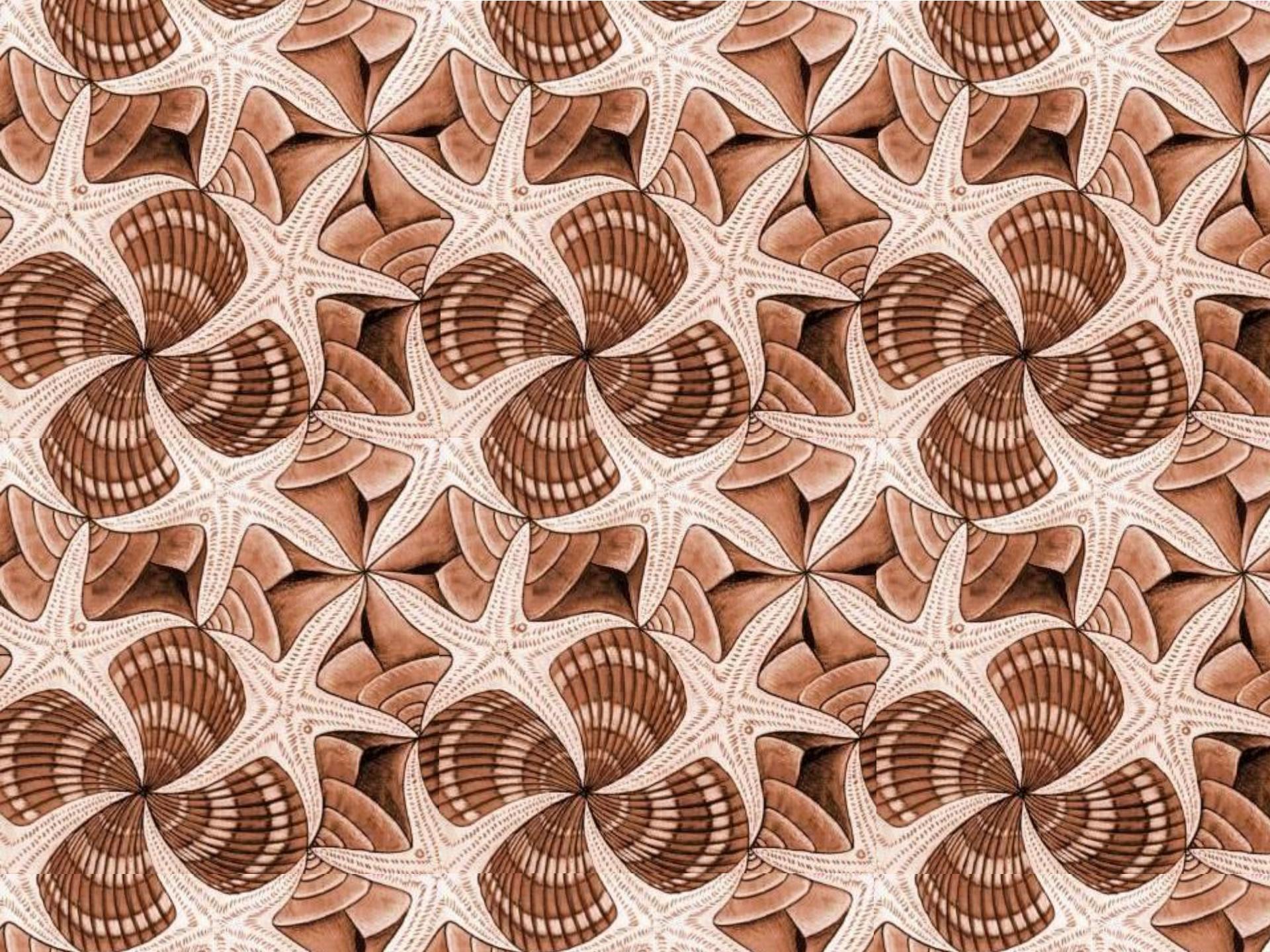














Tiling in the Real World





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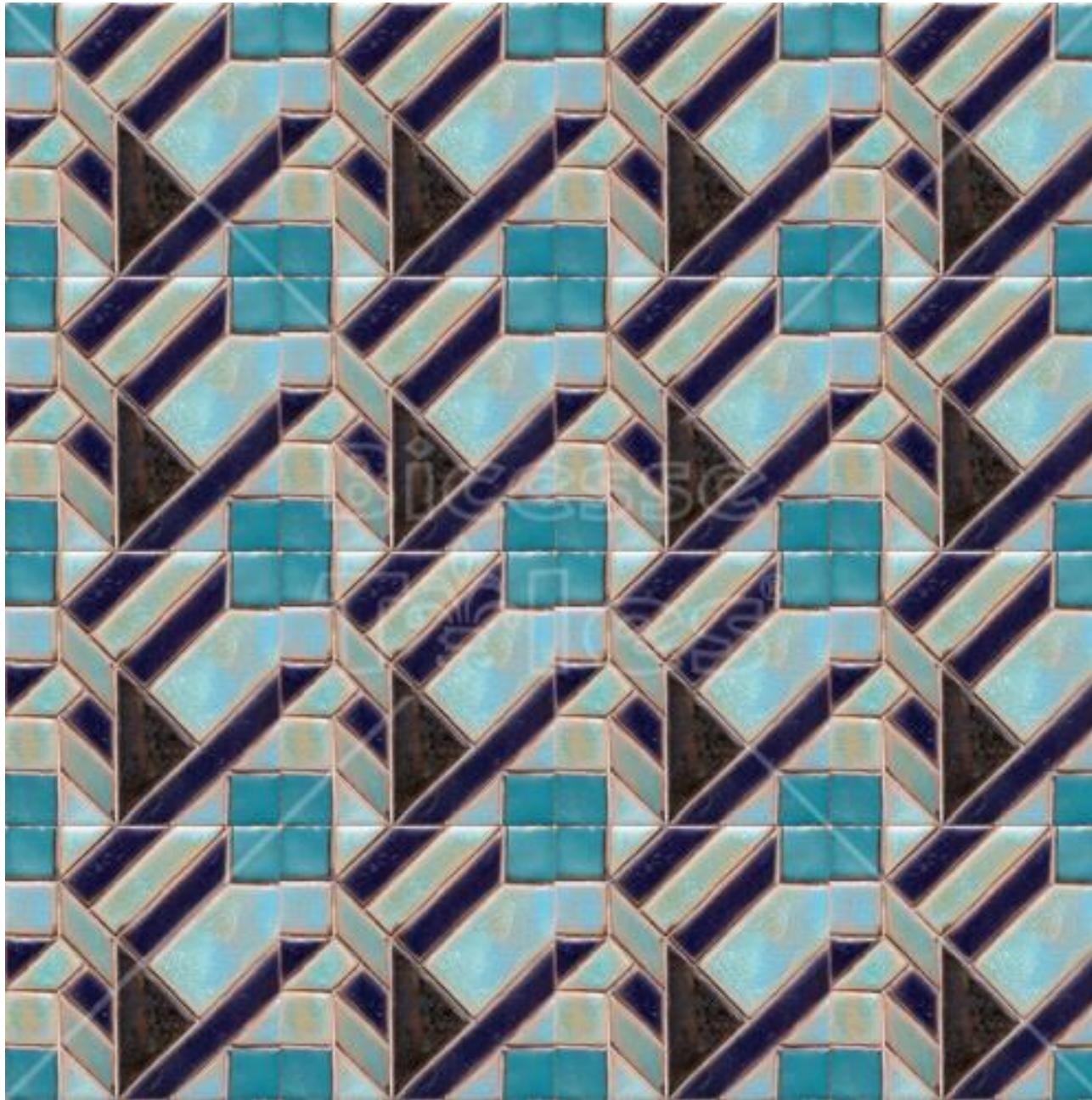








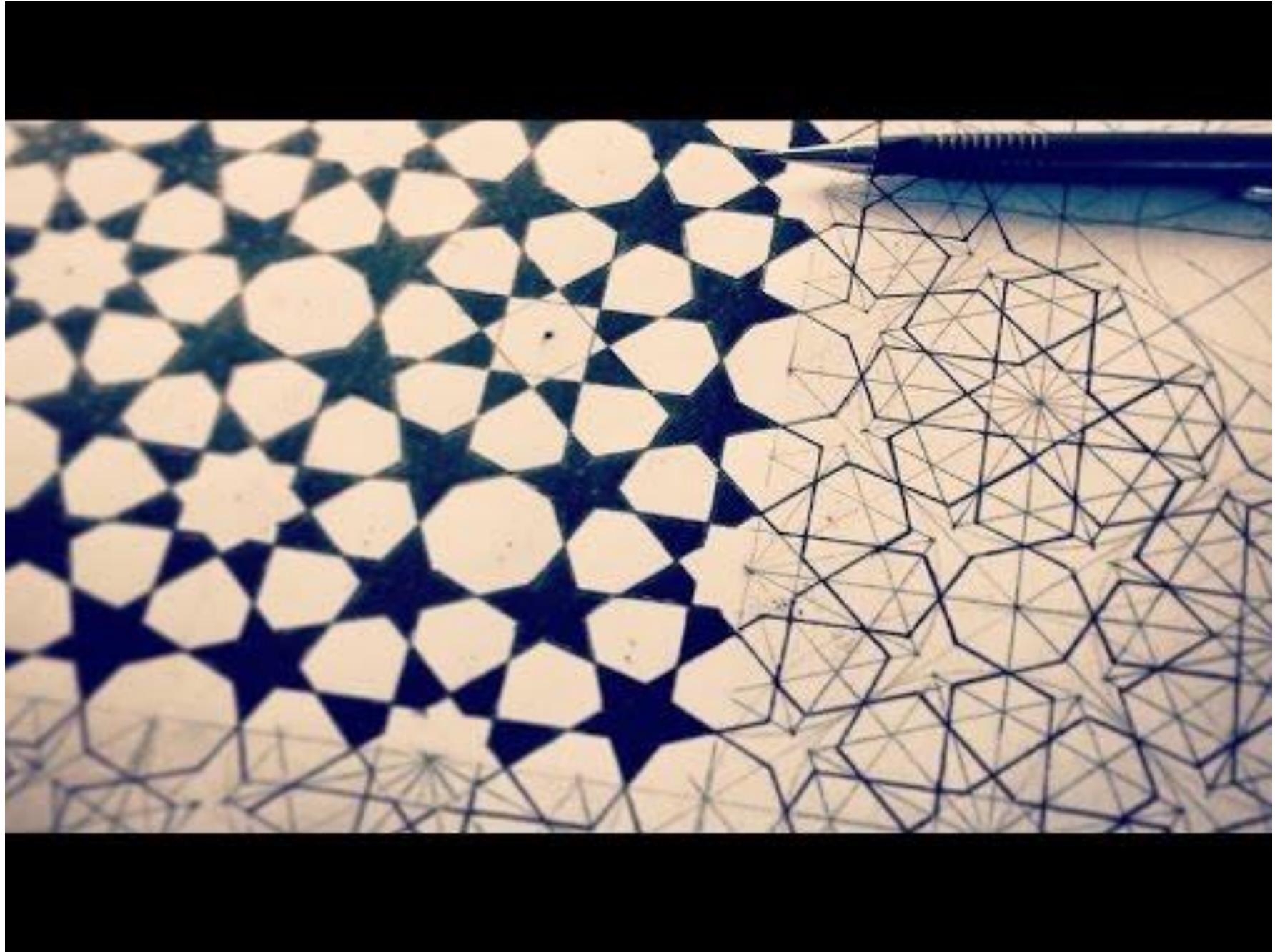
Arabic Tiling Patterns

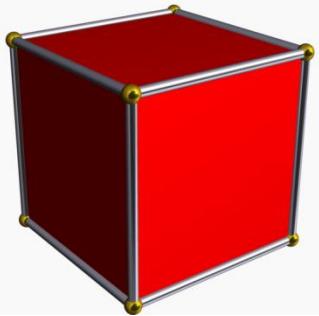




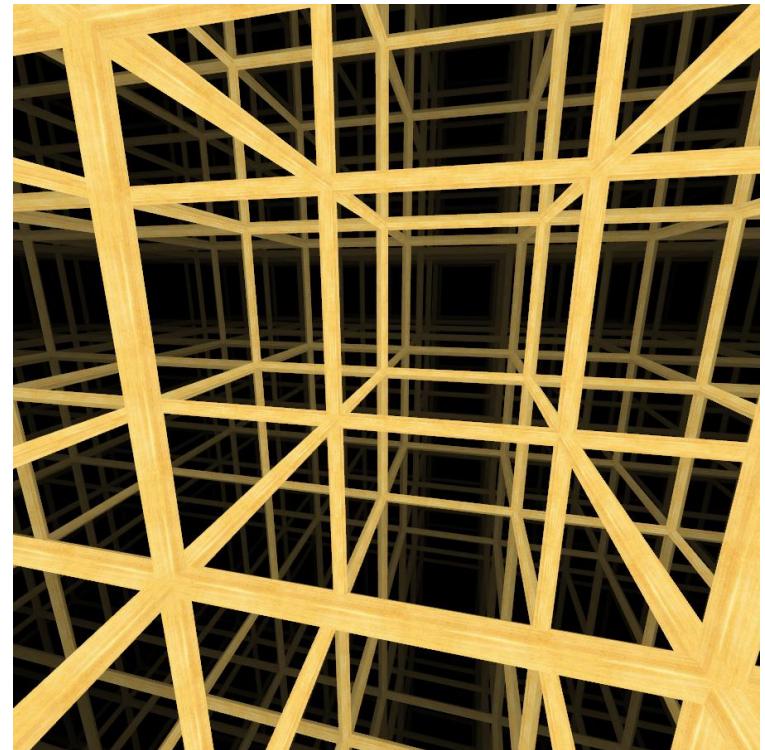
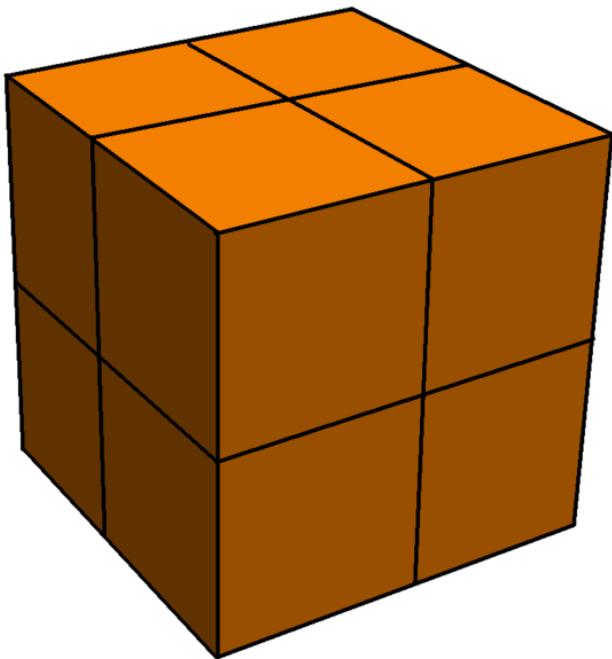


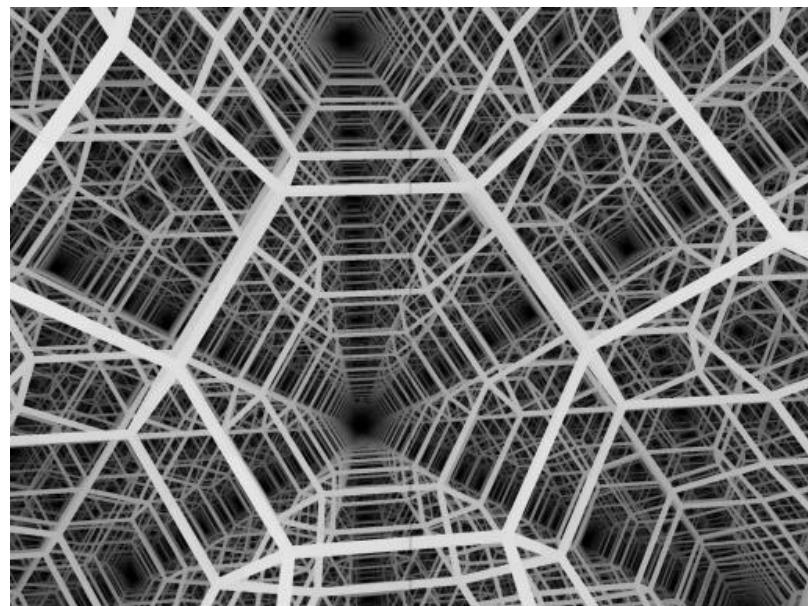
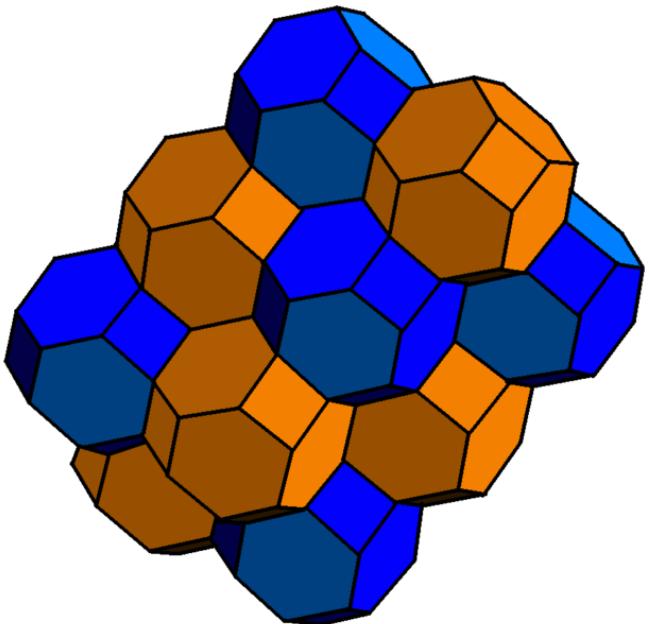
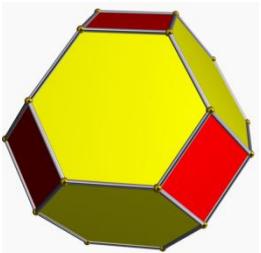


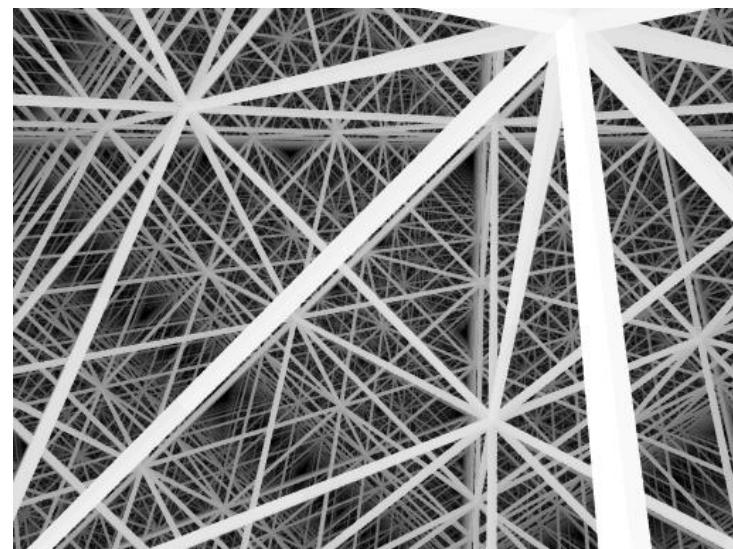
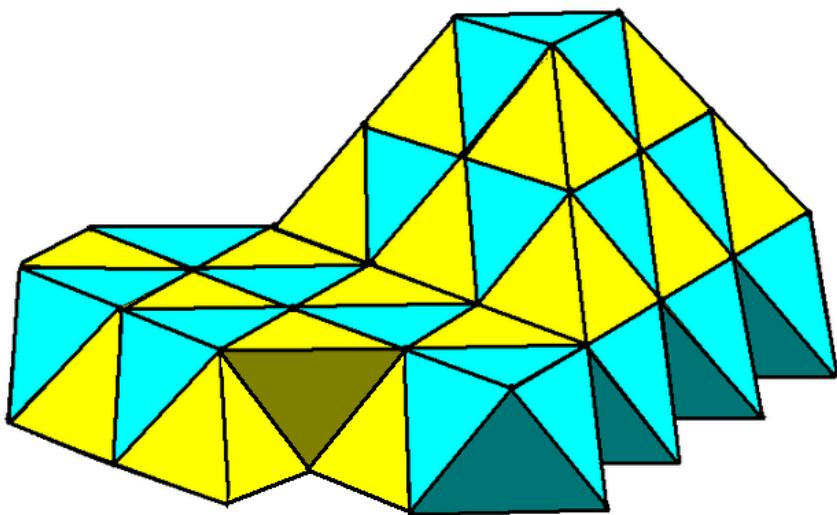
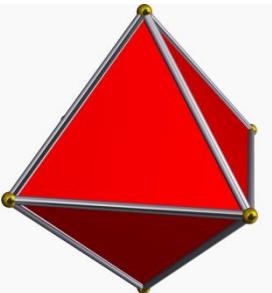


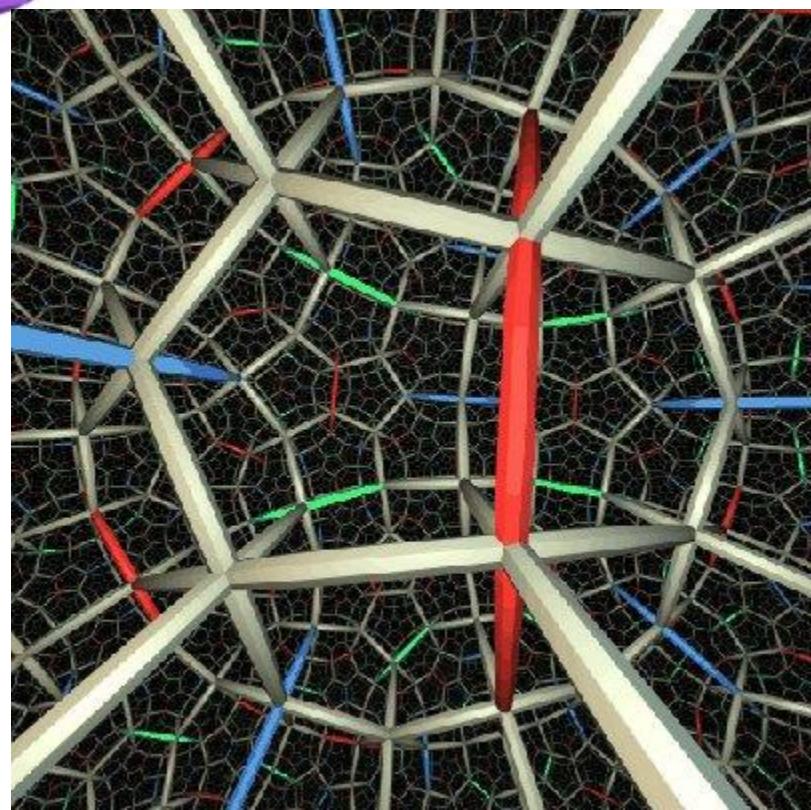
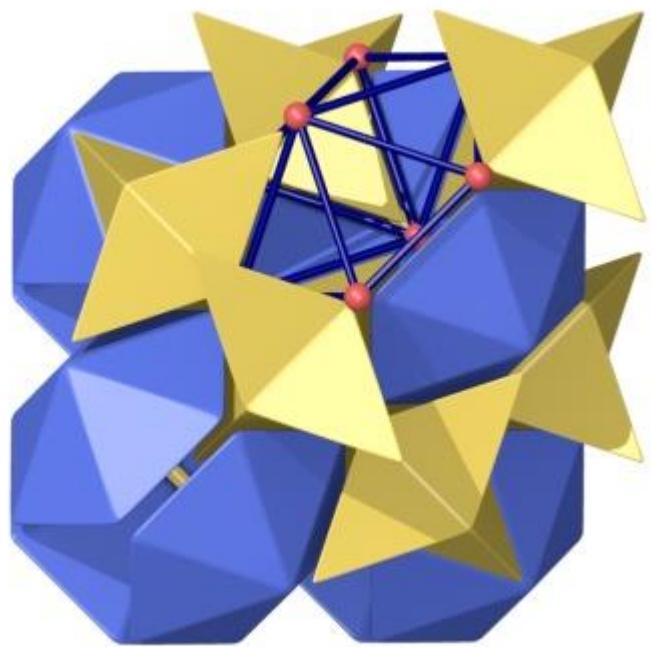
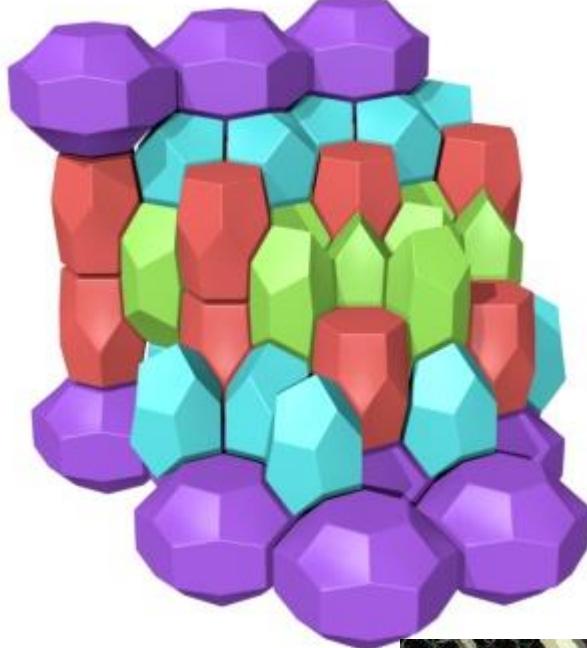
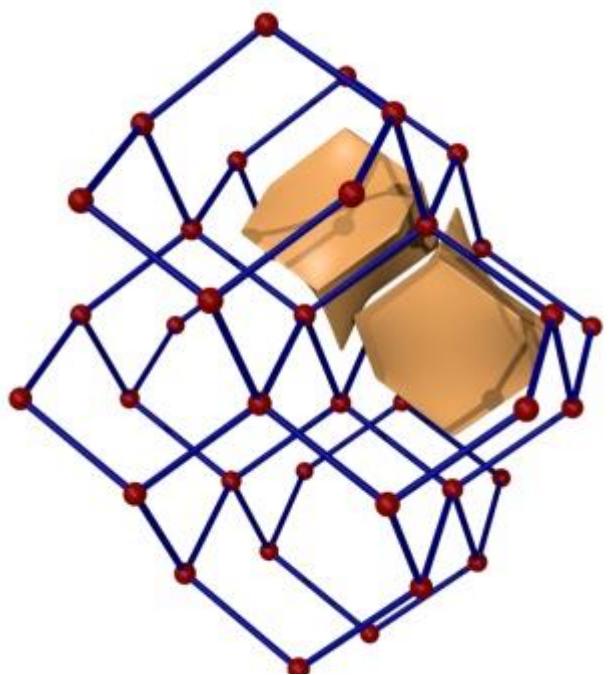


3-D Tiling









Project Instructions

- Cover a piece of paper completely with tiles.
- You can use a repeating pattern or you can create an image that is surrounded by tiles.
- You can take a picture of your final design as a reference.
- Use the tiles pieces or stencil to trace the shapes on the paper.
- Color the design neatly.
- Have fun!