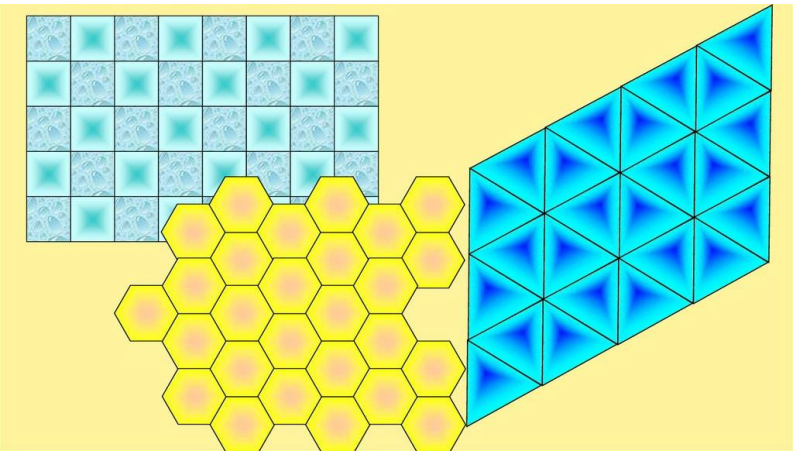
Math 4 d. Class work 24.

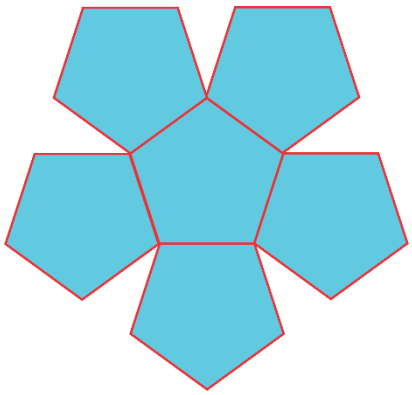
Tessellation.

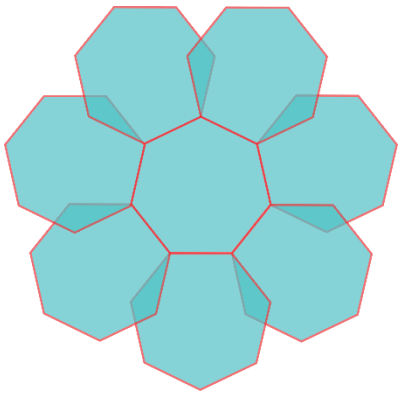
A pattern of shapes that fit perfectly together!

Tessellation with only one type of regular polygons, can be done with triangles, squares, and hexagons.

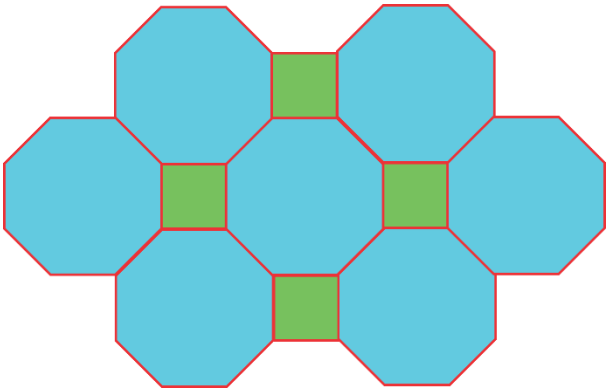


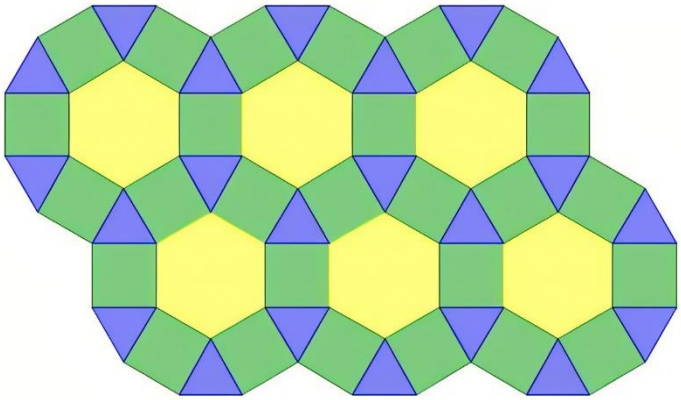
For another type of regular polygons such regular tessellation is not possible. For example, if we want to do the tessellation with pentagons or 7-polygon, we will get:



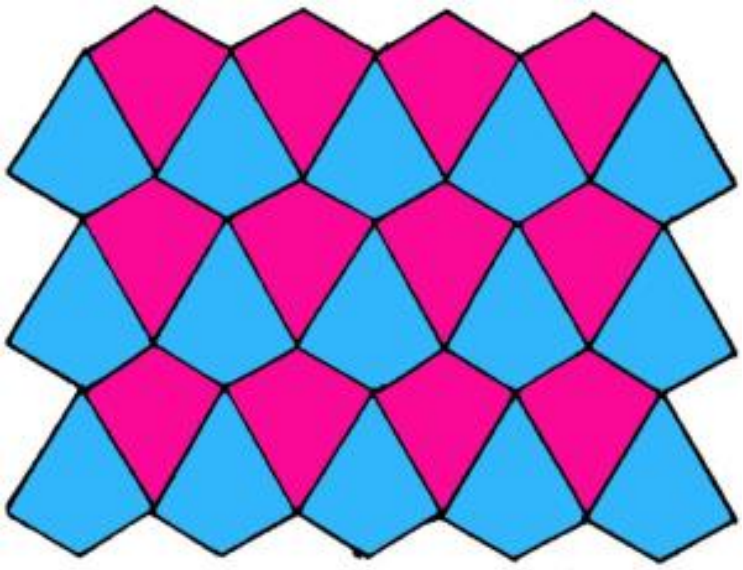


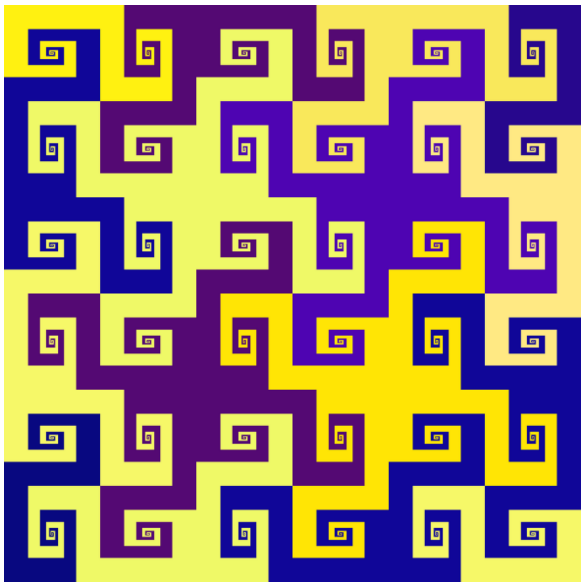
Tessellation can be done with regular polygons of different kind, such tessellation is named semi regular.

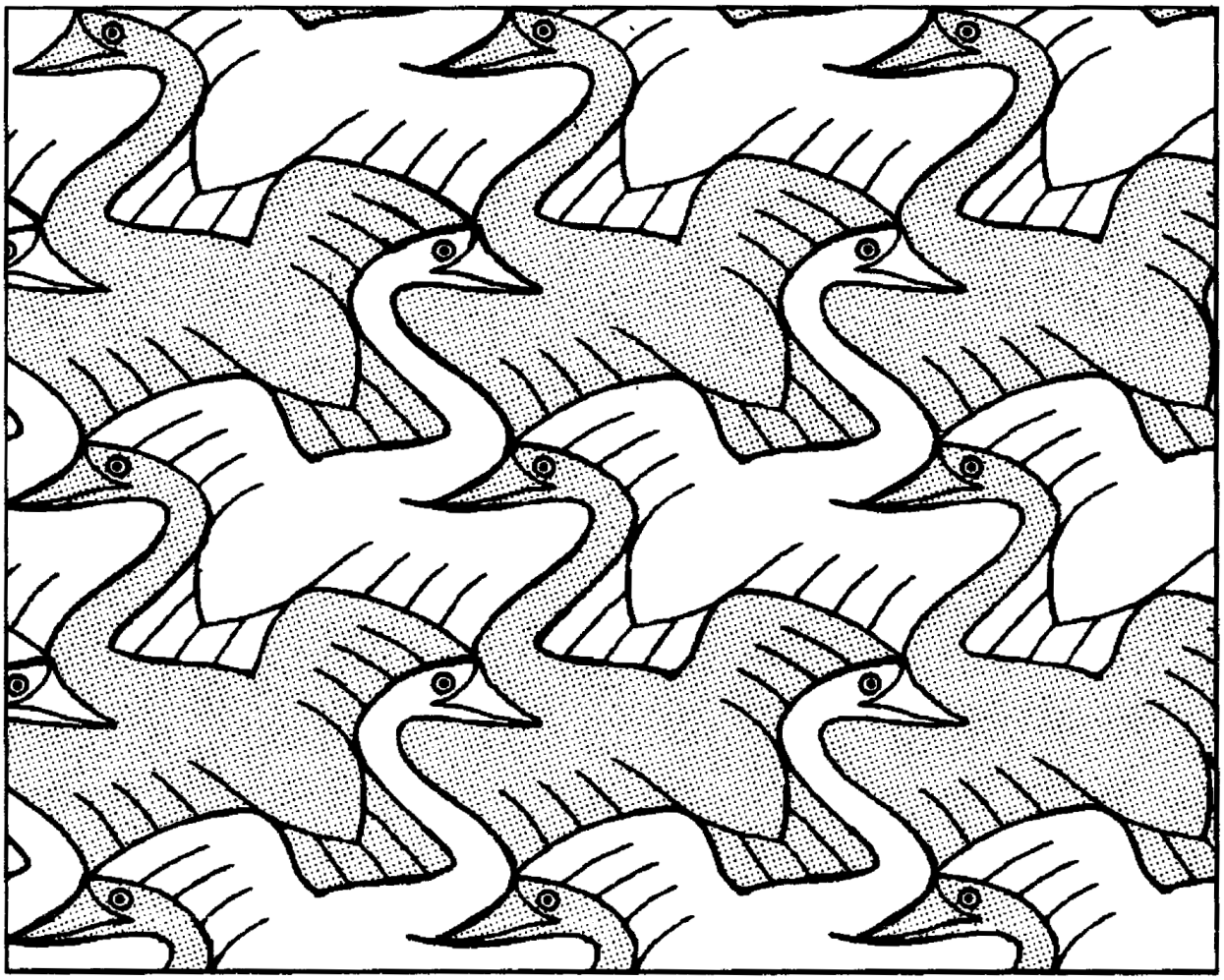


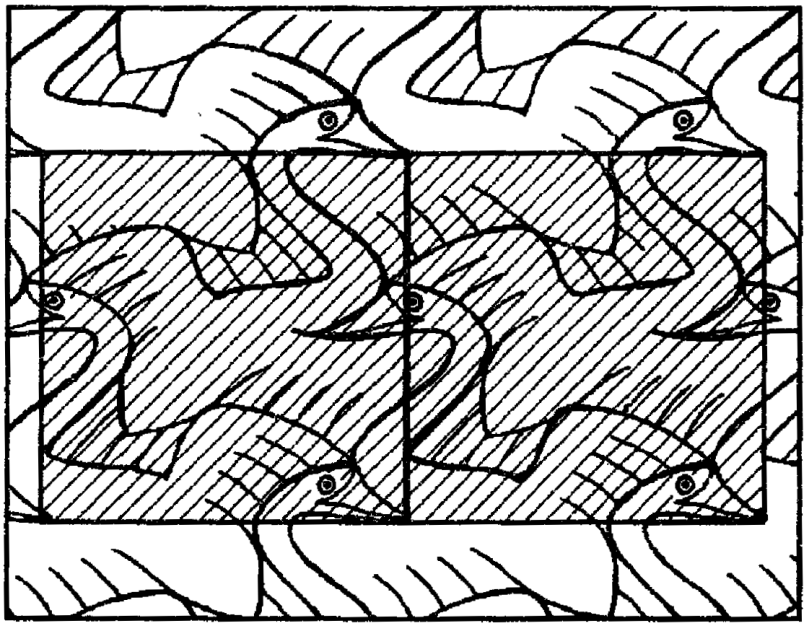


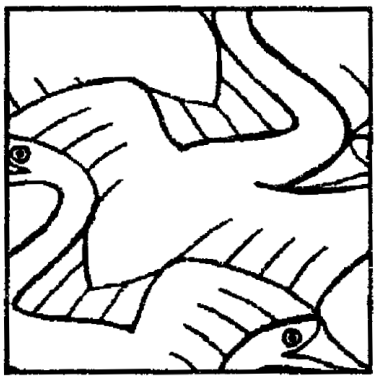
Also, tessellation can be done with the polygons of random shapes:

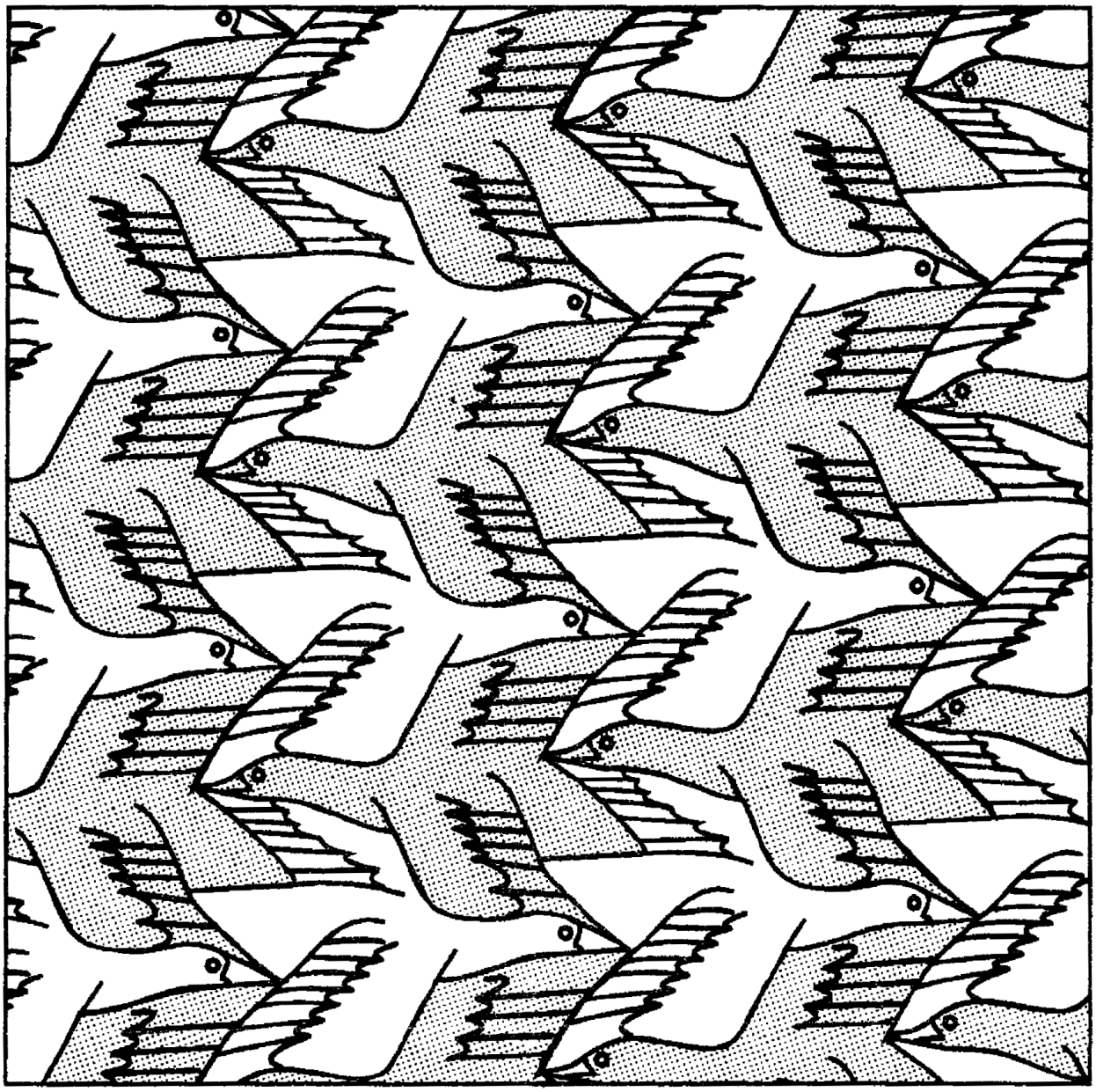
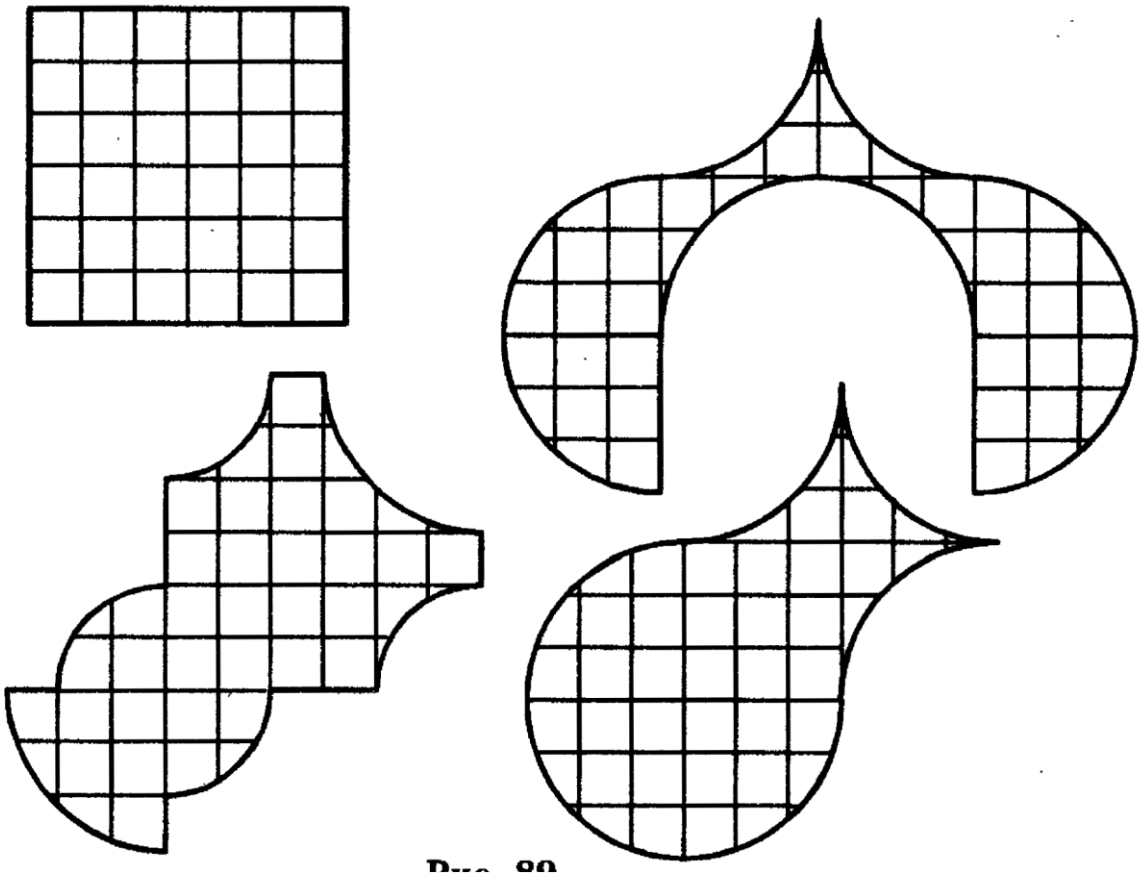












Can the plane be tessellated with the arbitrary (not regular) triangle? Quadrilateral?