

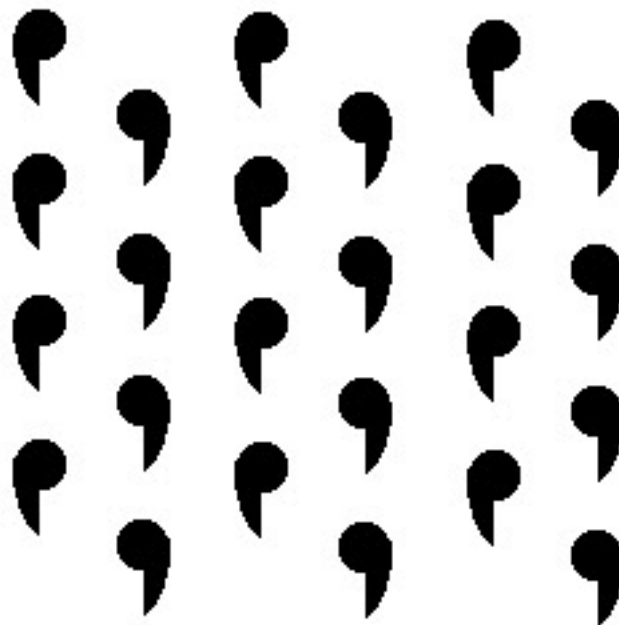
Symmetries in the Plane

Supplementary material for groups that move at a faster pace than other groups in the class

On the plane patterns can be classified into 17 groups of symmetries. The simplest pattern consists in two non parallel translations.



Another common pattern consists in two parallel glided reflections.



Arab patterns, Escher drawings illustrate and explore these patterns. It is common to find in the art of cultures that the designs cover all 17 groups.