

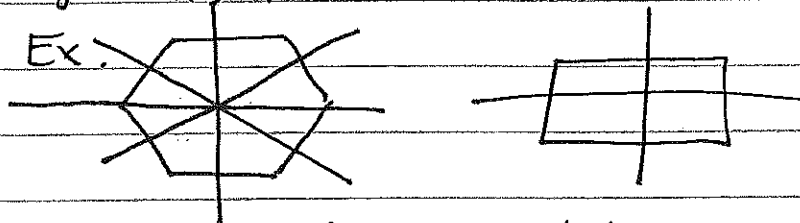
9.4 Symmetry

A figure has symmetry if:

there is an isometry that maps a figure to itself

Reflexional symmetry - line ^{of} symmetry where one half of a figure is a mirror image of its other half

(line symmetry)



Rotational symmetry - a figure that is its own image for some rotation of 180° or less

Ex. Triangle

Point symmetry - a figure that has 180° rotational symmetry