

# Vidya Bhawan, Balika Vidyapith, Lakhisarai

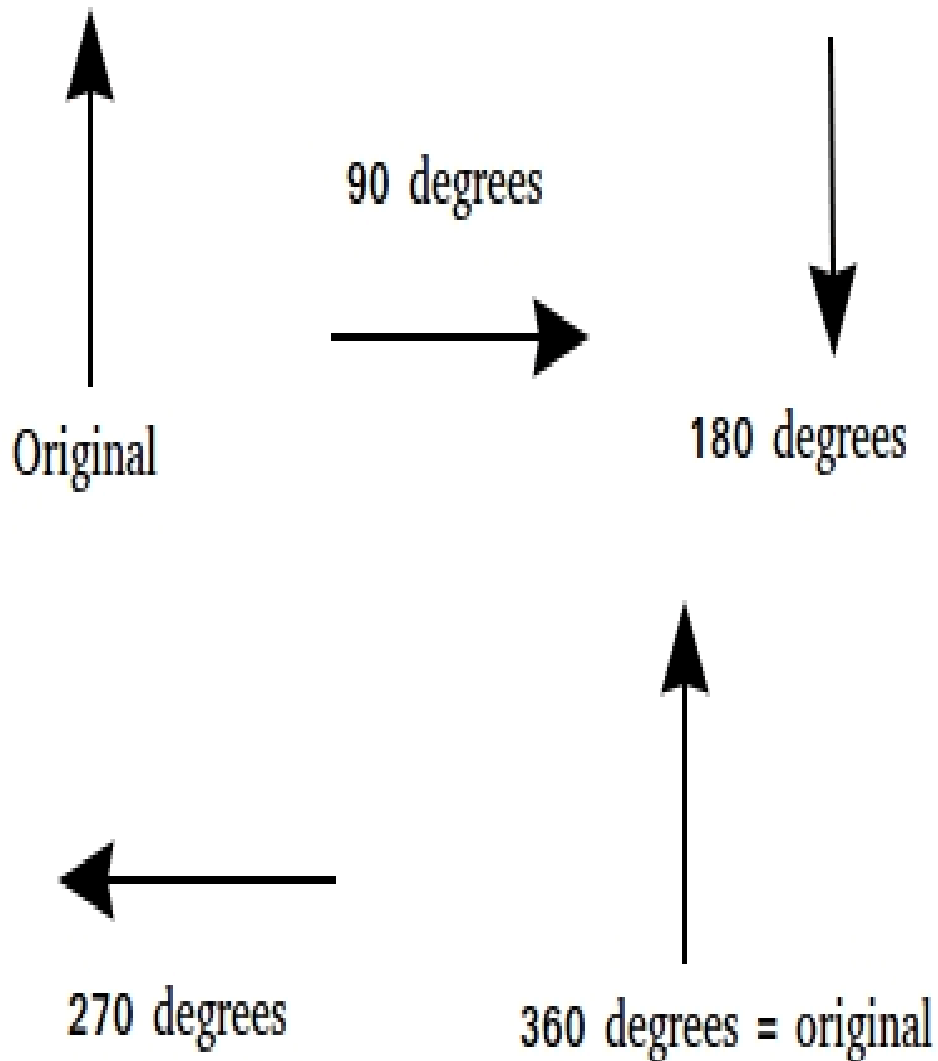
Class:-VII Subject:-Mathematics Date:-15-01-22

Subject Teacher:-Prabhat Ranjan

Order Of Rotation:-The number of times a figure fits onto itself in one full turn is called order of rotation in symmetry.

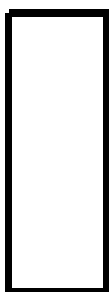
Examples:-

(i)



Order of rotational symmetry of 1

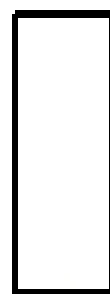
(ii)



Original shape



90 degrees



Original = 180  
degrees



270 degrees



Original = 360 degrees

Order of rotational symmetry of 2

etc.

Homework:-

Solve exercise-15 (A) and 15(B).