

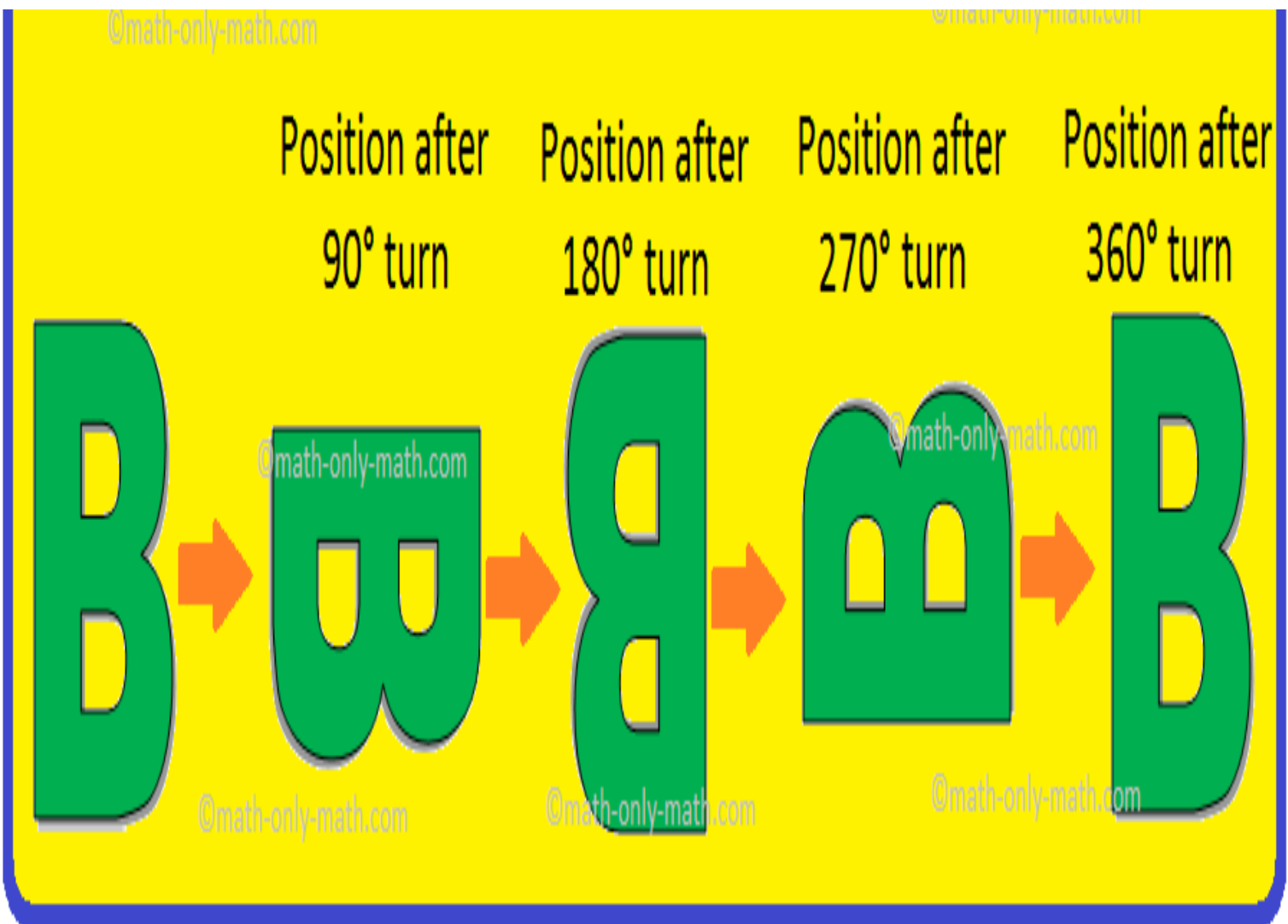
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Class:-VII Subject:-Mathematics Date:-18-01-22

Subject Teacher:-Prabhat Ranjan

Some Examples Related To Order Of Rotation:-

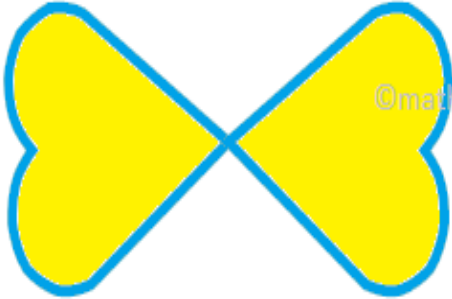
1. Letter B (clockwise)--

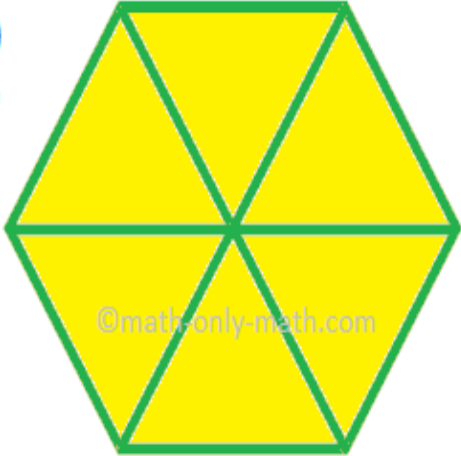


Clearly here order of rotation=1

2. Find the order of rotational symmetry of the following shapes about the point marked.

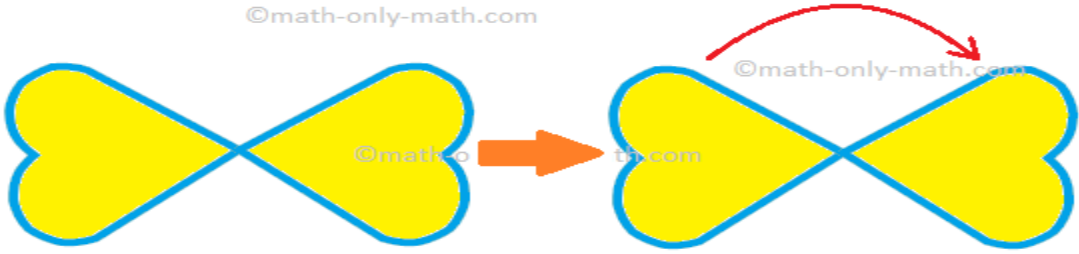
Problems on Rotational Symmetry

(i) 

(ii) 

Solution: (i)

Order of Rotational Symmetry



Position after 180° turn

So, order of rotation = $360/180 = 2$

(ii) Do it yourself.