

MATHEMATICS

Class-7th

Chapter-14

Symmetry

Exercise-14.2

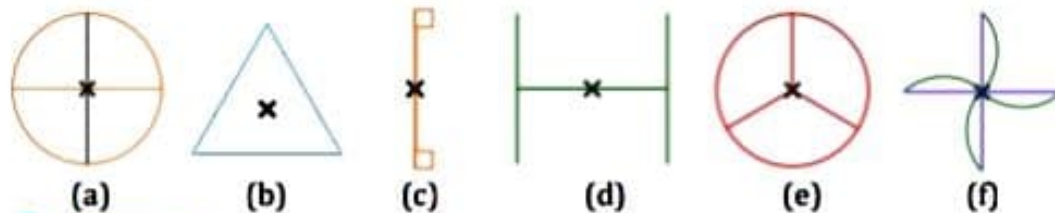
part-I

By:-A.K.Jha

Exercise 14.2

Question 1:

Which of the following figures have rotational symmetry of order more than 1:

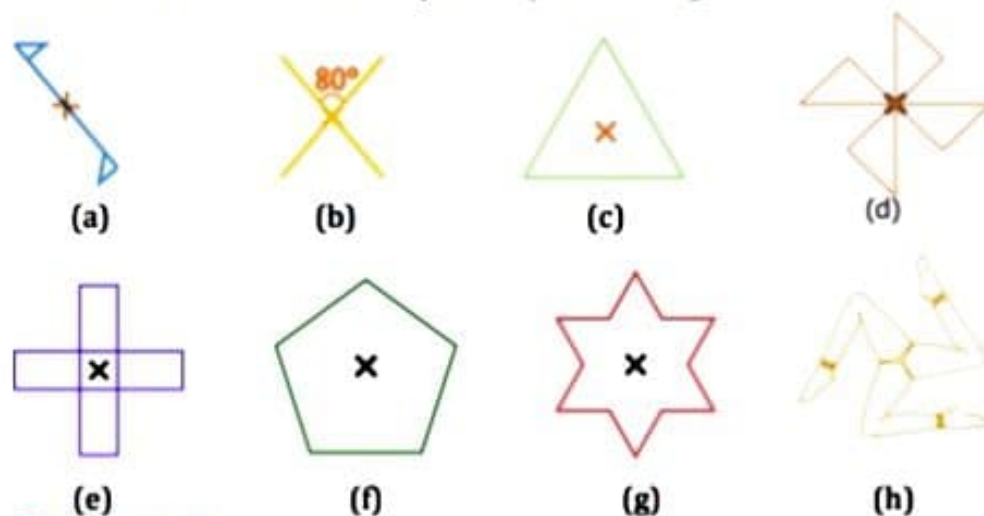


Answer 1:

Rotational symmetry of order more than 1 are (a), (b), (d), (e) and (f) because in these figures, a complete turn, more than 1 number of times, an object looks exactly the same.

Question 2:


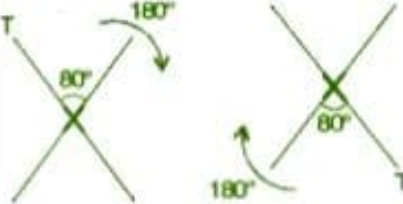

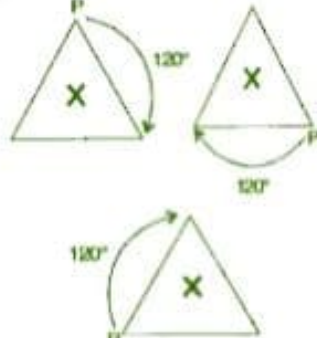

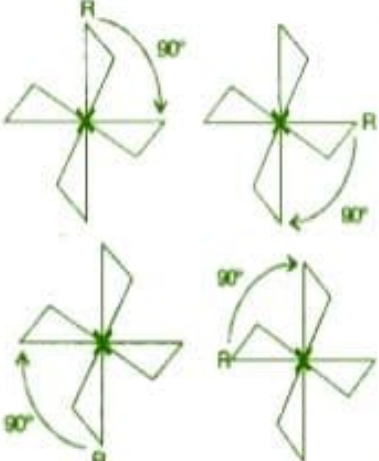

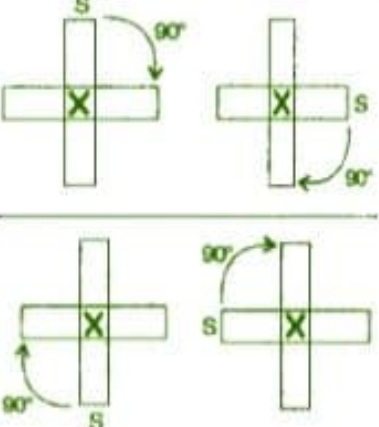
Give the order the rotational symmetry for each figure:


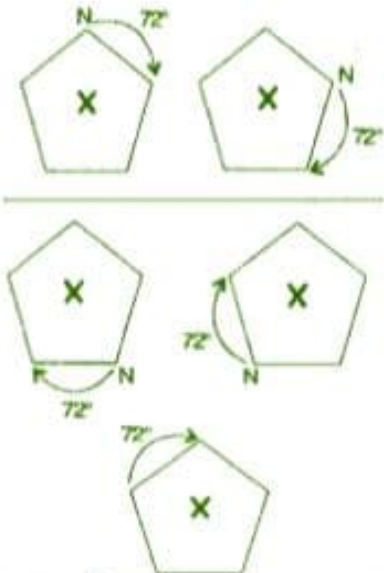

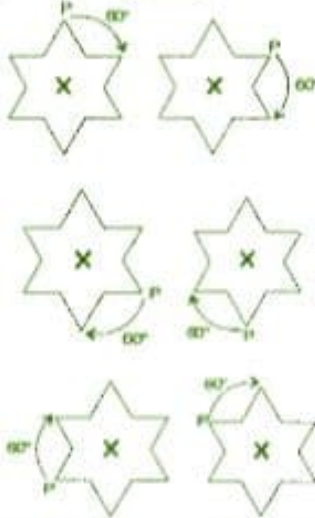




Answer 2:

S.No.	Problem figures	Rotational figures	Order of rotational symmetry
(a)			2



(b)			2
(c)			3
(d)			4
(e)			4

(f)			5
(g)			6
(h)			3