

Mathematics

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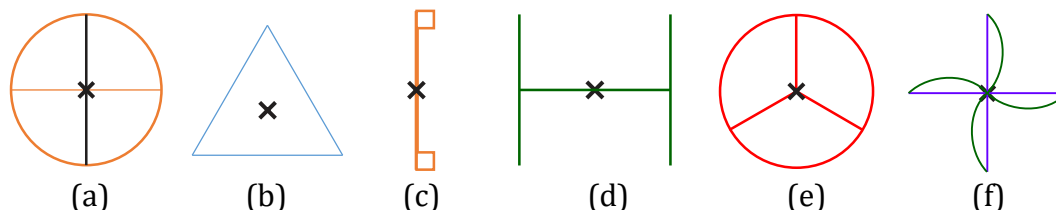
(Chapter – 14) (Symmetry)

(Class – VII)

Exercise 14.2

Question 1:

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

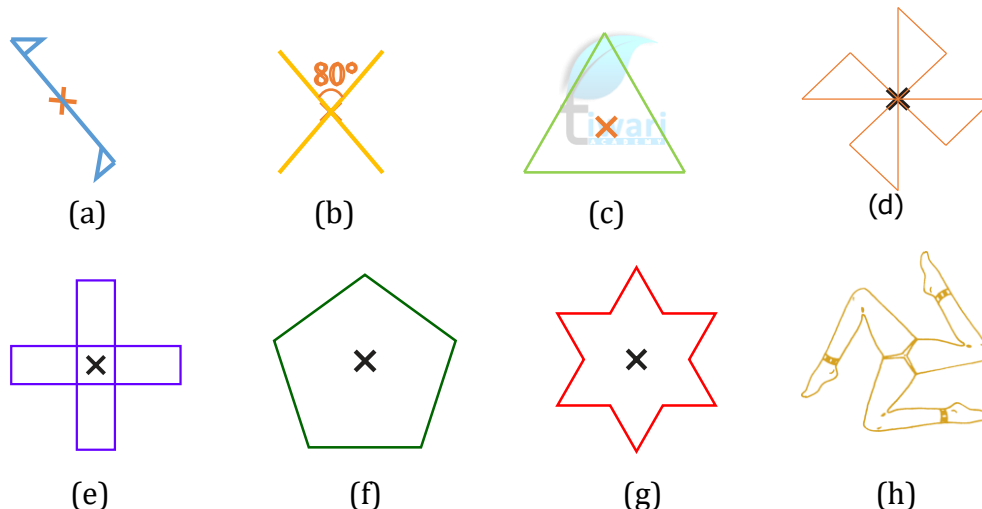


Answer 1:

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:

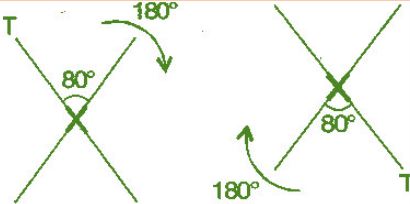
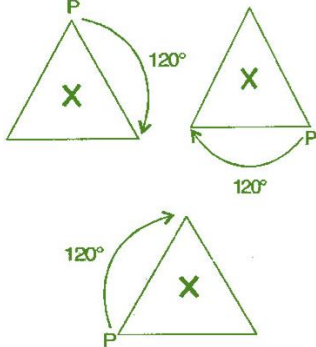
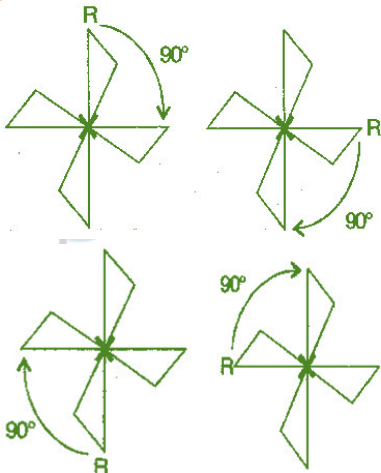
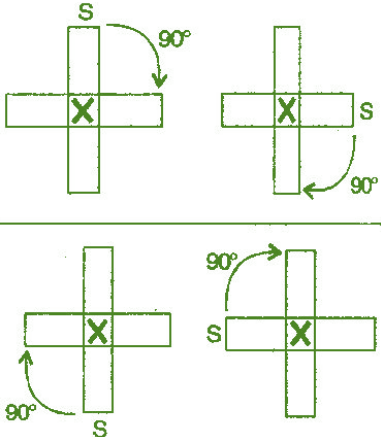
S.No.	Problem figures	Rotational figures	Order of rotational symmetry
(a)			2

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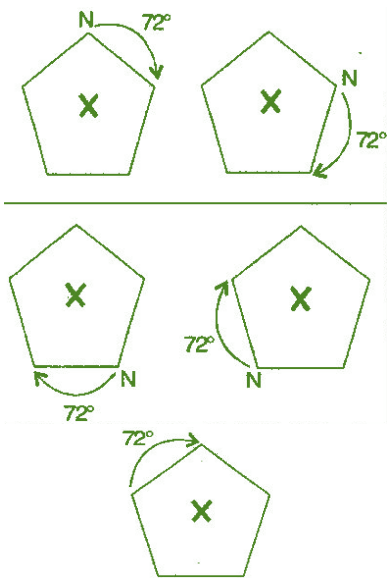
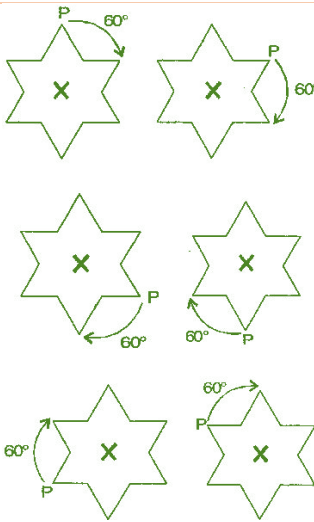
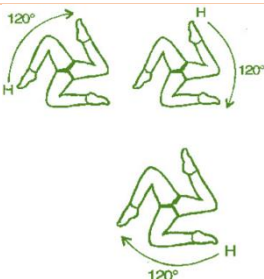
(b)			2
(c)			3
(d)			4
(e)			4

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(Class – VII)

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