



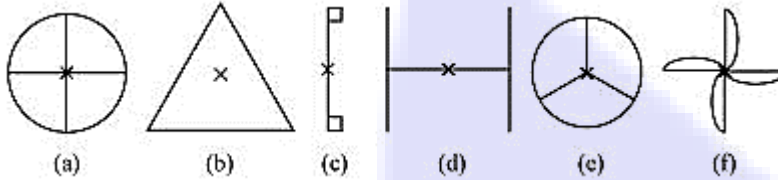
**SpeedLabs**

**MATHS**

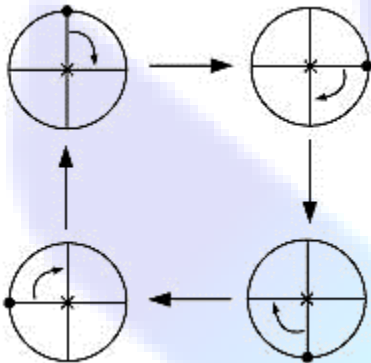
**CBSE 7<sup>th</sup>**

**TEEVRA EDUTECH PVT. LTD.**

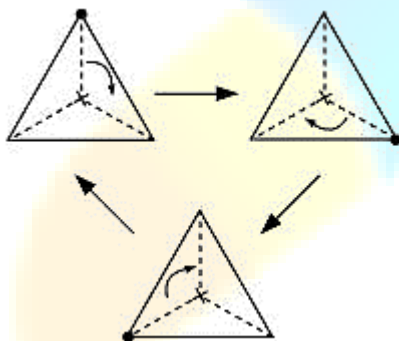
**Q.1** Which of the following figures have rotational symmetry of order more than 1:



**Sol:** (a) The given figure has its rotational symmetry as 4.

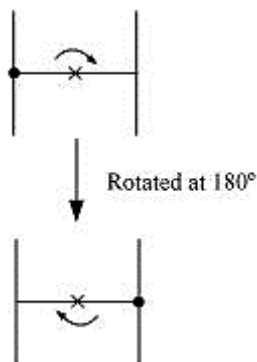


(b) The given figure has its rotational symmetry as 3.

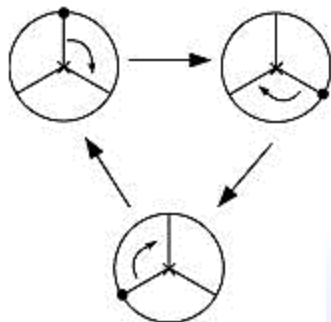


(c) The given figure has its rotational symmetry as 1.

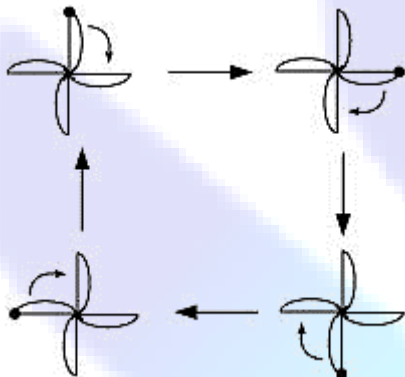
(d) The given figure has its rotational symmetry as 2.



(e) The given figure has its rotational symmetry as 3.

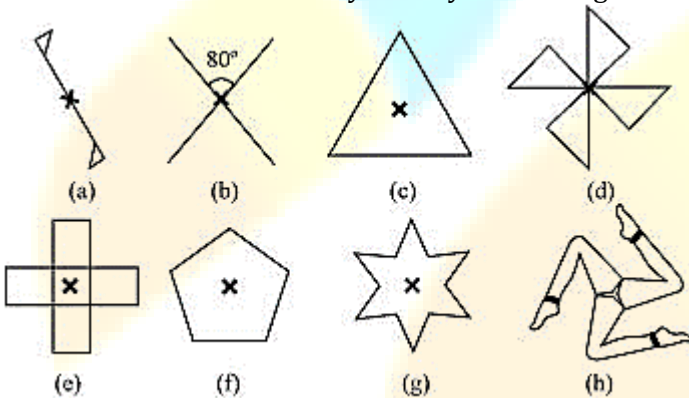


(f) The given figure has its rotational symmetry as 4.

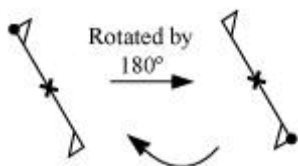


Hence, figures (a), (b), (d), (e), and (f) have rotational symmetry of order more than 1.

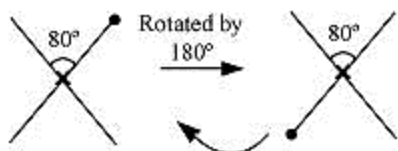
**Q.2** Give the order of rotational symmetry for each figure:



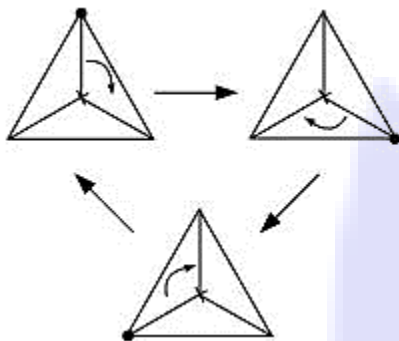
**Sol:** (a) The given figure has its rotational symmetry as 2.



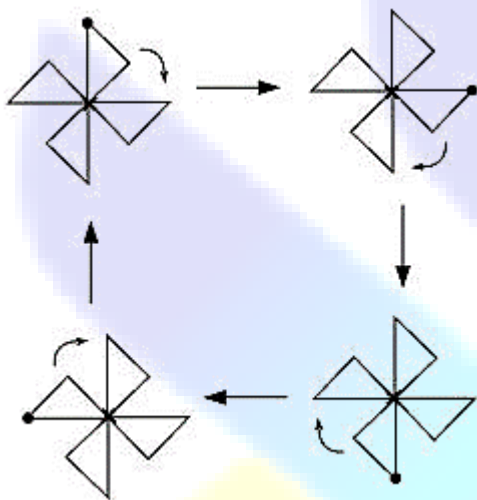
(b) The given figure has its rotational symmetry as 2.



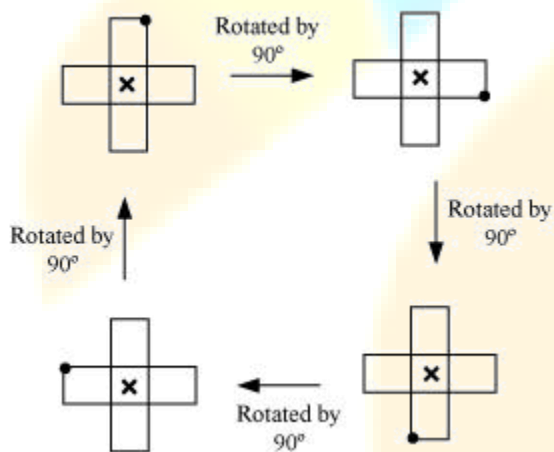
(c) The given figure has its rotational symmetry as 3.



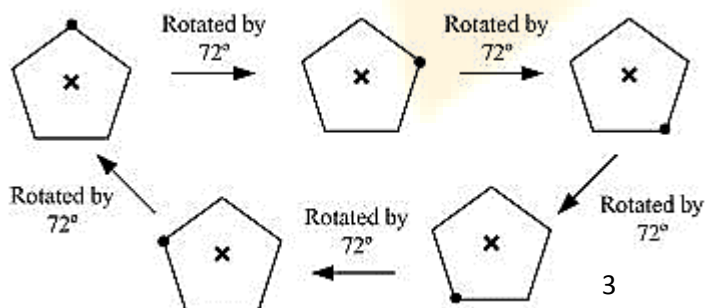
(d) The given figure has its rotational symmetry as 4.



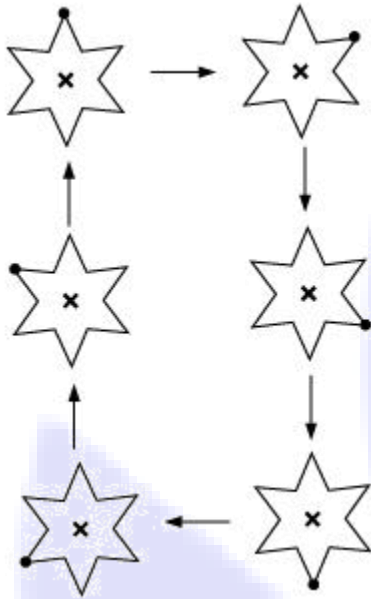
(e) The given figure has its rotational symmetry as 4.



(f) The given figure has its rotational symmetry as 5.



(g) The given figure has its rotational symmetry as 6.



(h) The given figure has its rotational symmetry as 3.

