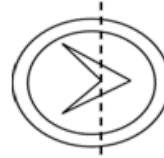


Board – CBSE

Class – VII

Topic: Symmetry

1. The alphabet "X" has ____ lines of symmetry.
2. What is the order of rotational symmetry of a circle?
3. State the number of lines of symmetry for the following figures
 - a) An equilateral triangle
 - b) An isosceles triangle
 - c) A scalene triangle
 - d) A Parallelogram
4. The rotation of a clock hand is called ____ rotation.
5. How many lines of symmetry can be drawn through the letter "W"?
6. Is the dotted line a line of symmetry? (Yes / No)



7. Regular hexagon has ____ lines of symmetry
8. Find the line of symmetry in the following figure.



9. The angle of turning rotation is called the ____.
10. Name the quadrilaterals which have both line and rotational symmetry of order more than 1.
11. Give three examples of shapes with no line of symmetry.
12. State the order of rotation and the angle of rotation of the following:
 - a. Square
 - b. Equilateral triangle
 - c. Rhombus
 - d. Alphabet: N, H, I, X, W, M
 - e. Rectangle
13. Fill in the blanks:
 - a. A rectangle has ----- lines of symmetry.
 - b. ----- has 3 lines of symmetry.
 - c. A ----- triangle has no lines of symmetry.
 - d. A rhombus has ----- lines of symmetry where as a square has ----- lines of symmetry.
 - e. A kite has ----- lines of symmetry.