Chapter – 13

Symmetry

Worksheet – 2

1. How many lines of symmetry are possible in a regular pentagon?
   a. 2
   b. 3
   c. 5
   d. 6
2. How many lines of symmetry are possible in a rectangle?
   a. 1
   b. 2
   c. 3
   d. 4
3. How many lines of symmetry are possible in a square?
   a. 2
   b. 3
   c. 4
   d. 5
4. How many lines of symmetry are possible in an equilateral triangle?
   e. 2
   f. 3
   g. 5
   h. 6
5. How many lines of symmetry are possible in a circle?
   a. 0
   b. 1
   c. 10
   d. Infinite
6. How many lines of symmetry are possible in an Isosceles triangle?
   a. 0
   b. 1
   c. 2
   d. 3
7. How many lines of symmetry are possible in a kite?

a. 1
b. 2
c. 3
d. 6

8. A line segment is symmetrical about its –
   a. Edge
   b. End point
   c. Perpendicular bisector
   d. None of the above

9. Which of the following letter of English has two lines of symmetry?
   a. A
   b. Y
   c. X
   d. C

10. Which of the following instrument works on the principle of reflection symmetry?
    a. Lens
    b. Telescope
    c. Kaleidoscope
    d. Microscope

11. Write six letters of English which have horizontal line of symmetry?
12. Write any three letters of English which have vertical line of symmetry?
13. Make a list of English alphabets which have no line of symmetry?
14. Which numbers from 0 to 9 have one or more lines of symmetry?
15. What is the another name of line of symmetry?
16. Make a list of English letters which have 2 lines of symmetry?
17. Describe the number of lines of symmetry in scalene triangle, isosceles triangle and equilateral triangle?
18. How many lines of symmetry are there in the below given flower –

19. How many lines of symmetry in the below given arrow –

20. How many lines of symmetry are in –