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(Affiliated to CBSE up to +2 Level)

Class : 7th **Subject: Mathematics** **Date: 04.01.2021**

Symmetry Multiple Choice Questions

1. **The mirror image of 'W', when the mirror is placed vertically:**

(a) V (b) M (c) S (d) W

2. **How many lines of symmetries are there in an equilateral triangle?**

(a) 1 (b) 2 (c) 3 (d) 4

3. **How many lines of symmetries are there in a rhombus?**

(a) 1 (b) 2 (c) 3 (d) 4

4. **How many lines of symmetries are there in regular pentagon?**

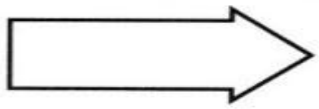
(a) 3 (b) 2 (c) 5 (d) 4

5. **How many lines of symmetries are there in rectangle?**

(a) 1 (b) 2 (c) 3 (d) 4

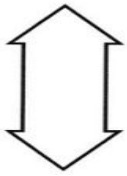
6. **Find the number of lines of symmetry of the following figure:**

(a) 1 (b) 2 (c) 3 (d) 4



7. **Find the number of lines of symmetry of the following figure:**

(a) 1 (b) 2 (c) 3 (d) 4



8. **Find the number of lines of symmetry in regular hexagon.**

(a) 2 (b) 4 (c) 6 (d) 5

9. **Letter 'E' of the English alphabet have reflectional symmetry (i.e., symmetry related to mirror reflection) about.**

(a) a vertical mirror (b) a horizontal mirror (c) both (a) and (b) (d) none

10. **Letter 'G' of the English alphabet have reflectional symmetry (i.e., symmetry related to mirror reflection) about.**

(a) a vertical mirror (b) a horizontal mirror (c) both (a) and (b) d) none

12. **Letter ‘T’ of the English alphabet have reflectional symmetry (i.e., symmetry related to mirror refection) about.**

(a) a vertical mirror (b) a horizontal mirror (c) both (a) and (b) (d) none

13. **Find the number of lines of symmetry in a circle.**

(a) 1 (b) 2 (c) 3 (d) none

14. **Which of the followings has no line of symmetry:**

(a) S (b) A (c) U (d) H

15. **Which letter look the same after reflection when the mirror is placed vertically.**

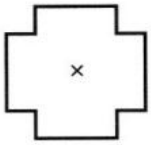
(a) S (b) P (c) Q (d) H

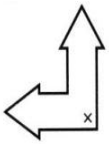
16. **The order of the rotational symmetry of the parallelogram about the center is:**

(a) 0 (b) 1 (c) 2 (d) 3

17. **The order of the rotational symmetry of the below left figure about the point marked ‘x’**

(a) 0 (b) 1 (c) 2 (d) 3



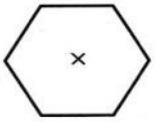


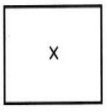
18. **The order of the rotational symmetry of the above sided right figure about the point marked ‘x’**

(a) 0 (b) 1 (c) 2 (d) 3

19. **The order of the rotational symmetry of the below left figure about the point marked**

(a) 0 (b) 1 (c) 2 (d) 3





20. **The order of the rotational symmetry of the above sided right figure about the point marked ‘x’**

(a) o (b) 1 (c) 2 (d) 3