

Chapter – 13

Symmetry

Worksheet – 3

1. How many lines of symmetry are possible in a regular hexagon?
 - a. 2
 - b. 3
 - c. 5
 - d. 6
2. Which of the following letters of English has horizontal line of symmetry?
 - a. A
 - b. M
 - c. B
 - d. T
3. Which of the following letters of English has Vertical line of symmetry?
 - a. C
 - b. D
 - c. Y
 - d. E
4. Which of the following objects has a line of symmetry?
 - a. Thread
 - b. Rope
 - c. Hair
 - d. Pair of scissors
5. Which of the following English letter has no line of symmetry?
 - a. A
 - b. B
 - c. Q
 - d. W
6. How many lines of symmetry are possible in a parallelogram?
 - e. 0
 - f. 3
 - g. 5
 - h. 6
7. An isosceles trapezium has ____ line of symmetry.

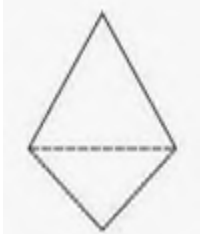
- a. 1
 - b. 2
 - c. 3
 - d. 4
8. A rhombus is symmetrical about each of its –
- a. Edge
 - b. End point
 - c. Diagonal
 - d. Angle
9. A circle is symmetrical about each of its ____
- a. Circumference
 - b. Radius
 - c. Diameter
 - d. Chord
10. A scalene triangle has _____ lines of symmetry.
- a. 0
 - b. 1
 - c. 2
 - d. 3

11. Explain the shape of semicircle and why it has only 1 line of symmetry?

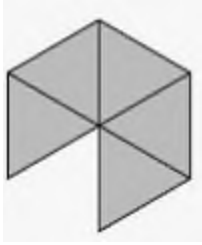
12. Draw a triangle which has exactly two lines of symmetry?

13. Draw a rectangle on a graph paper?

14. Explain whether the dotted line in the below given shape is line of symmetry or not?



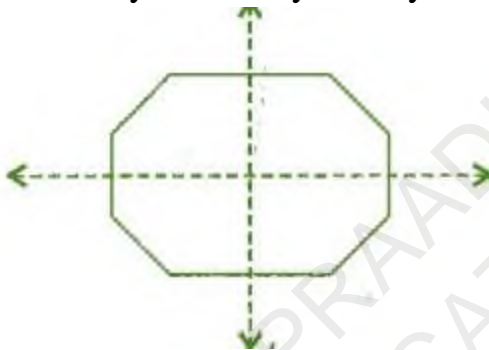
15. How many lines of symmetry are in the below given shape?



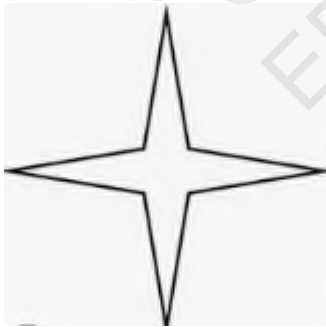
16. How many lines of symmetry are in the below given object?



17. How many lines of symmetry are in the below given shape?



18. Describe the below given shape in brief and tell the number of lines of symmetry present in it?



19. Calculate number of lines of symmetry in the below given shape and give reasons for it too?



20. Draw a trapezium on a squared paper and then calculate its number of lines of symmetry?

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