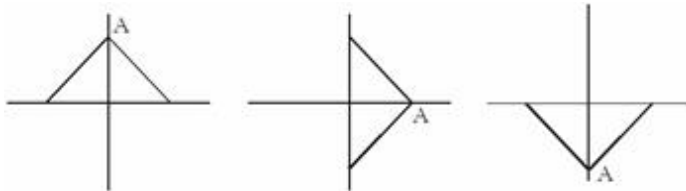
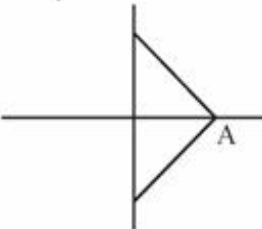
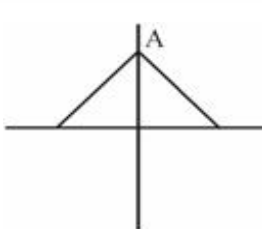
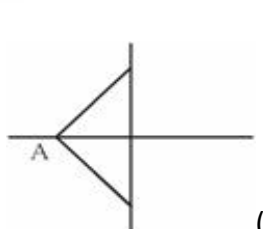


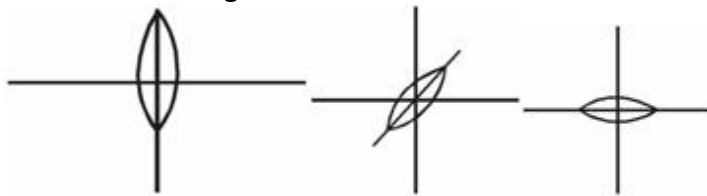
<1M>




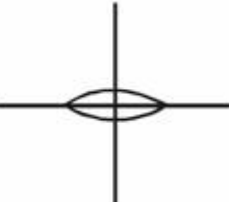
1. Find the next figure



- (A)  (B)  (C)  (D) None of these

2. Find the next figure



- (A)  (B)  (C)  (D) 

3. Regular pentagon has .....line of symmetry.

4. Equilateral triangle has ..... lines of symmetry.

5. Regular hexagon has ..... lines of symmetry.

6. In a complete turn (of  $360^\circ$ ), the number of times an object looks exactly the same is called .....

7. Rotation turns an object about a fixed point. This fixed point is the .....

8. If, after a rotation, an object looks exactly the same, we say that it has a rotational symmetry. (True/False)

9. If a figure has two or more lines of symmetry, should it have rotational symmetry of order more than 1?

10. A square has a rotational symmetry of order 4.

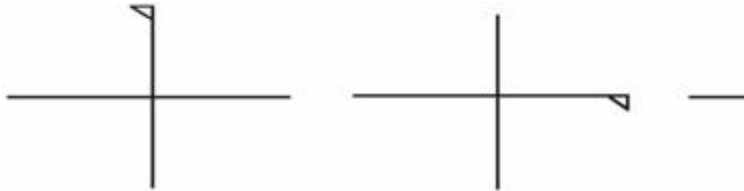
11. When an object rotates, its shape and size change. (True/False)

12. How many symmetrical lines are possible in the given figure?



- (A) 2 (B) 3 (C) 4 (D) 5

13. Find the next figure.



- (A) these (B) (C) (D) None of these

14. Find the line of symmetry in the following figure.



- (A) 0 (B) 1 (C) 2 (D) 3

15. Identify the number of lines of symmetry in a square.

- (A) 1 (B) 2 (C) 3 (D) 4

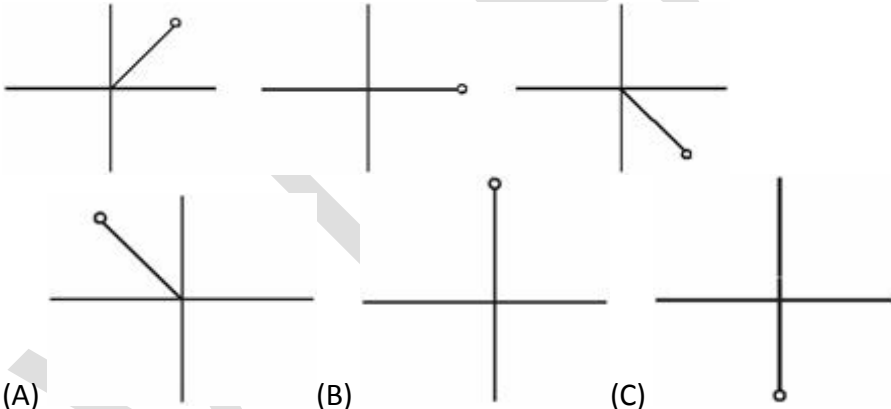
16. Identify the number of lines of symmetry in circle.

- (A) 1 (B) 2 (C) 3 (D) infinite

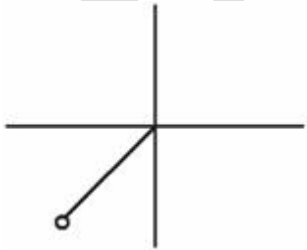
17. Identify the number of lines of symmetry in cone.

- (A) 4 (B) 3 (C) 2 (D) 1

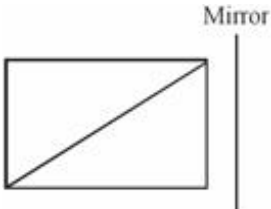
18. Find next figure



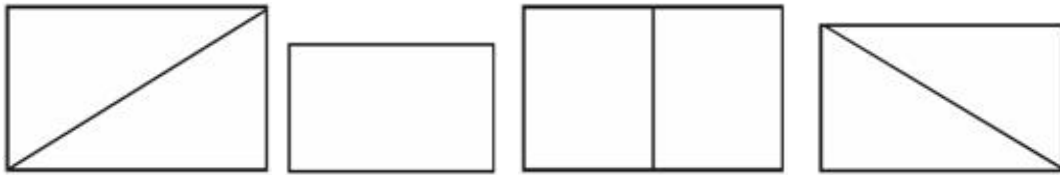
- (A) (B) (C) (D)



19. Find the mirror image of



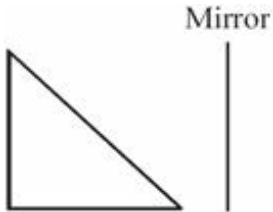
- (A) (B) (C) (D)



20. Identify the number of lines of symmetry in right angle isosceles triangle.

- (A) 0 (B) 1 (C) 2 (D) 3

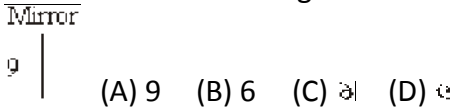
21. Find the mirror image.



- (A) (B) (C) (D)



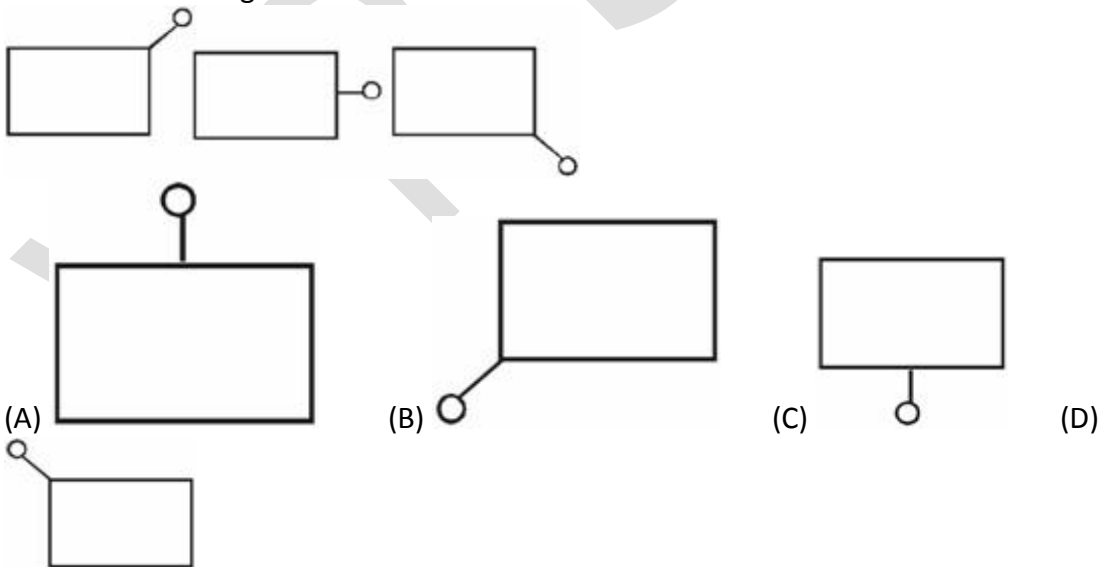
22. Find the mirror image.



23. Identify the number of lines of symmetry in cylinder.

- (A) 4 (B) 3 (C) 2 (D) 1

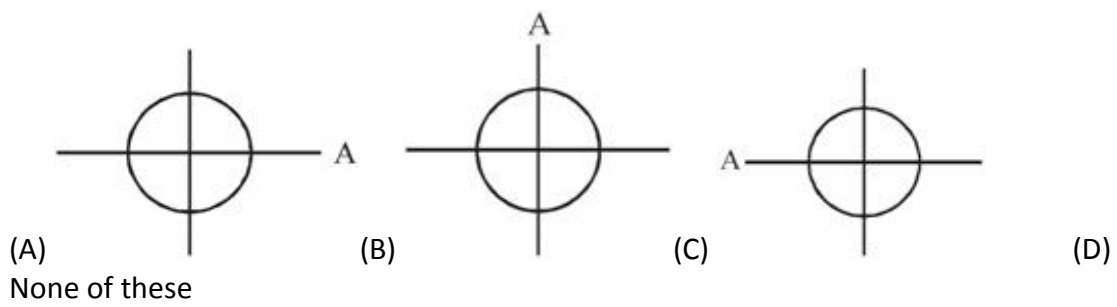
24. Find the next figure.



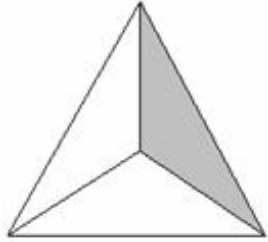
25. The angle of turning rotation is called the .....

26. The next figure completing the sequence is



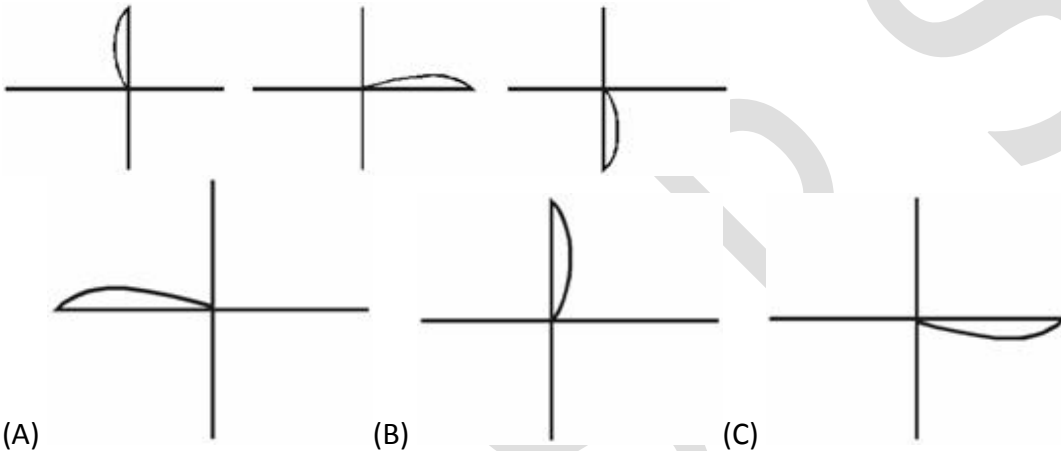


27. Name of the given figure is



- (A) cube (B) cuboid (C) pyramid (D) circle

28. Find next figure.



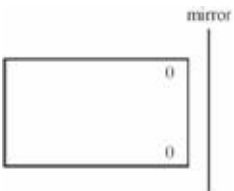
(D)

29. Find the mirror image of



- (A) || 0 (B) | 0 | (C) 0 | | (D) none of these

30. Find the mirror image.



- (A) (B) (C) (D)

31. Identify the number of lines of symmetry in the given figure.



- (A) 1 (B) 2 (C) 3 (D) 4

32. Identify the number of lines of symmetry in following figure



- (A) 0 (B) 2 (C) 3 (D) 4

33. Identify the number of lines of symmetry in rectangle.

- (A) 1 (B) 2 (C) 3 (D) 4

34. Find the axes of symmetry of the given figure?



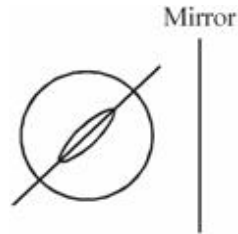
- (A) vertical (B) horizontal (C) diagonal (D) none of these

35. Find the mirror image



- (A) N (B) H (C) M (D) None of these

36. Find the mirror image.



- (A) (B) (C) (D)

37. Find the mirror image.



- (A) L (B) J (C) 7 (D) 7

38. How many symmetrical lines are possible in the given figure



- (A) 1 (B) 2 (C) 3 (D) 4

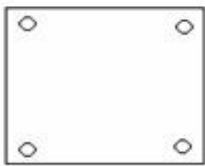
39. Identify the numbers of lines of symmetry in following figure.



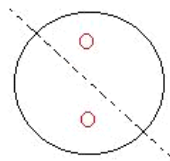
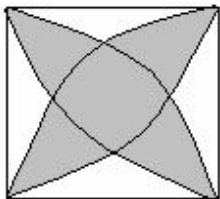
- (A) 0 (B) 2 (C) 3 (D) 1

<2M>

40. Copy the following figure with punched holes and find the axes of symmetry for the following:



41. For the following figure identify multiple lines of symmetry.



42. Given the lines of symmetry, find the other holes.

43. Name the quadrilaterals which have both line and rotational symmetry of order more than 1.

44. In the following figure, the mirror line is given as a dotted line. Complete each figure performing reflection in the dotted line. Are you able to recall the name of the figure you complete?



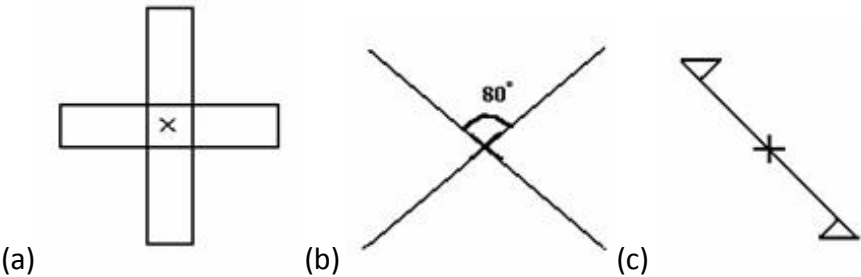
<3M>

45.What letters of the English alphabet have reflectional symmetry about  
(a) a vertical mirror                      (b) a horizontal mirror                      (c) both horizontal and vertical mirrors.

46.State the number of lines of symmetry for the following figures:  
(a) An equilateral triangle                      (b) A rectangle

47.What other name can you give to the line of symmetry of  
(a) an isosceles triangle                      (b) a circle

48.Give the order of rotational symmetry for each figure:



49.Give three examples of shapes with no line of symmetry.

<5M>

50.For the given alphabets given in the table complete the following table:

Alphabet Letters	Line Symmetry	Number of Lines of
Symmetry	Rotational Symmetry	Order of Rotational Symmetry
Z		
S		
H		
O		
E		
N		
C		