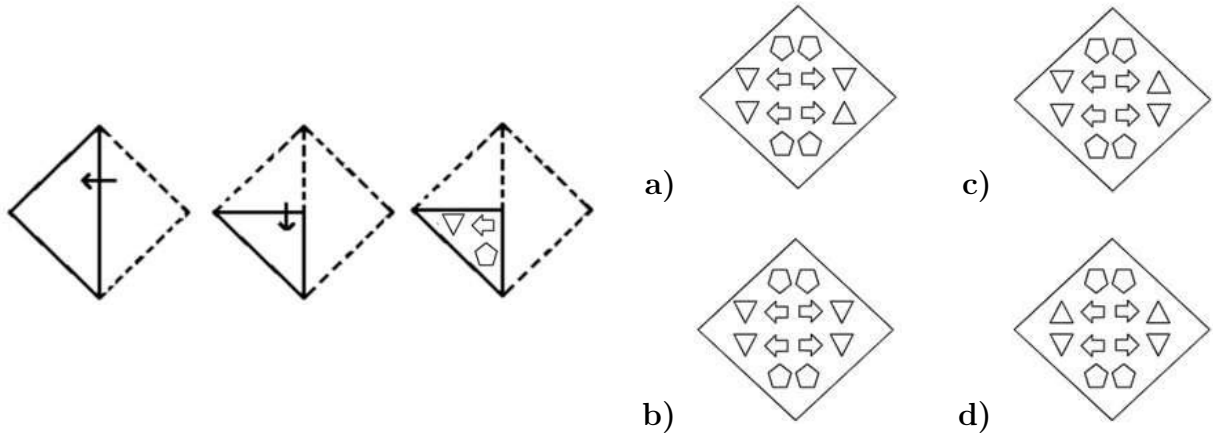
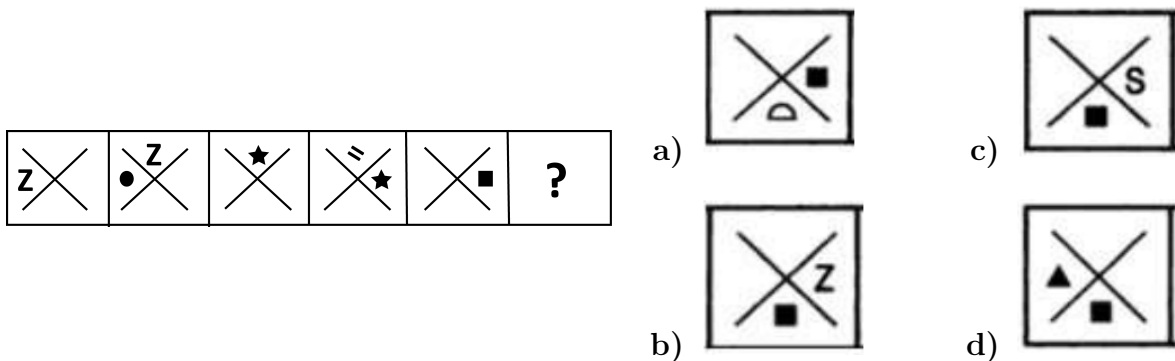


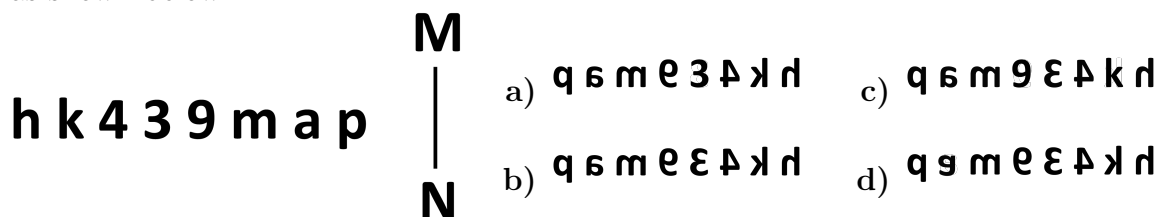
1. A paper is folded and cut as shown below. How will it appear when unfolded?



2. Select the figure from among the given options that can replace the question mark (?) in the following series.



3. Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



4. Three different positions of the same dice are shown (figures 1 to 3). Find the number on the face opposite to the face having '1'.

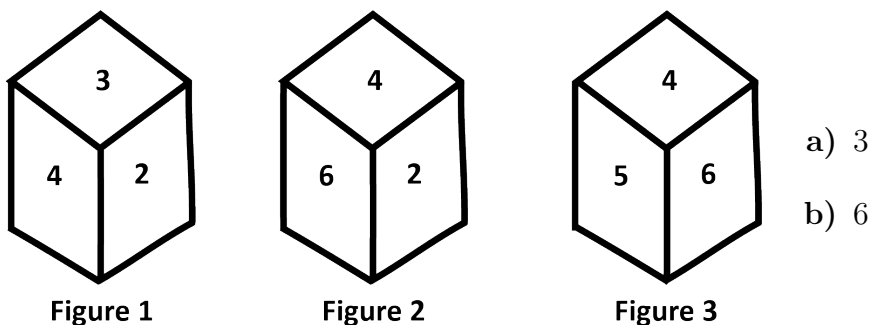
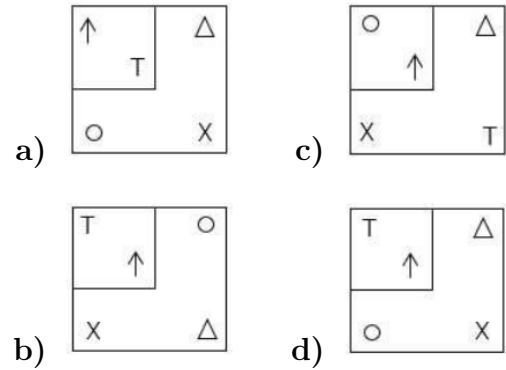
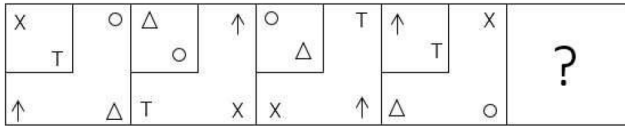


Figure 1

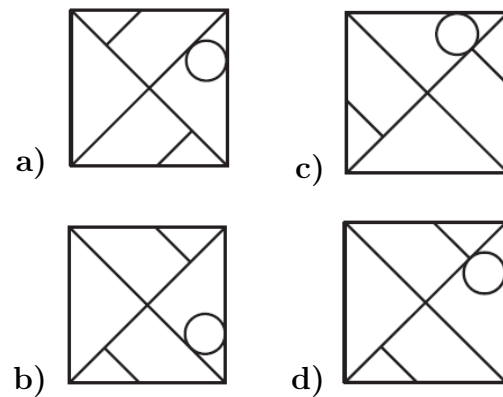
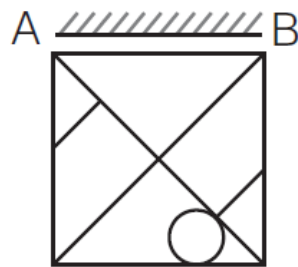
Figure 2

Figure 3

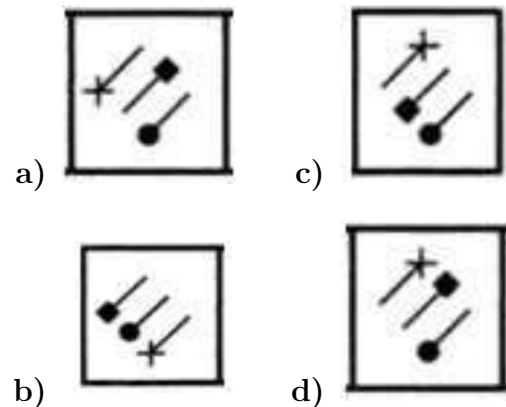
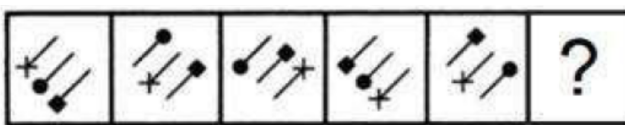
5. which figure should replace the question mark (?) if the series were to be continued ?



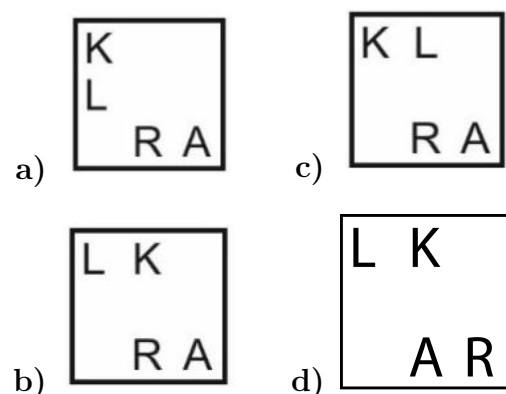
6. Select the correct mirror linage of the given figure when the mirror is placed at AB as shown.



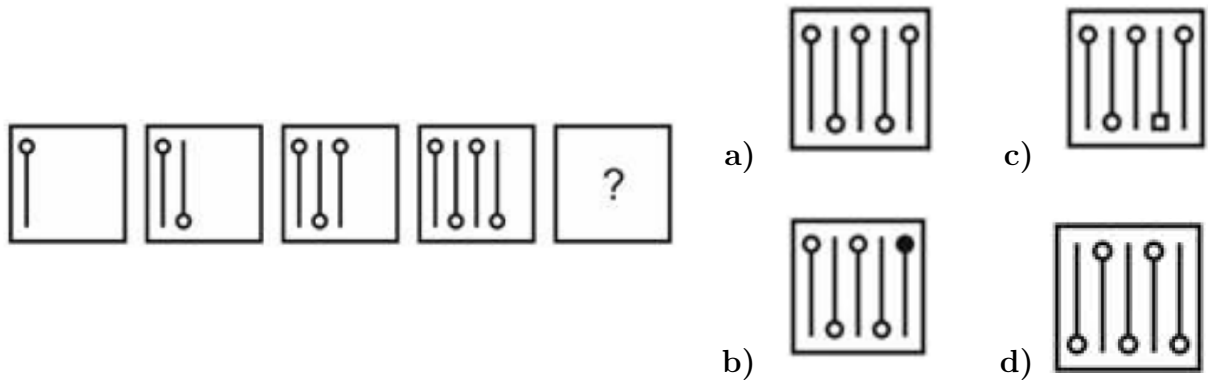
7. Select the figure from among the given options that can replace the question mark (?) in the following series.



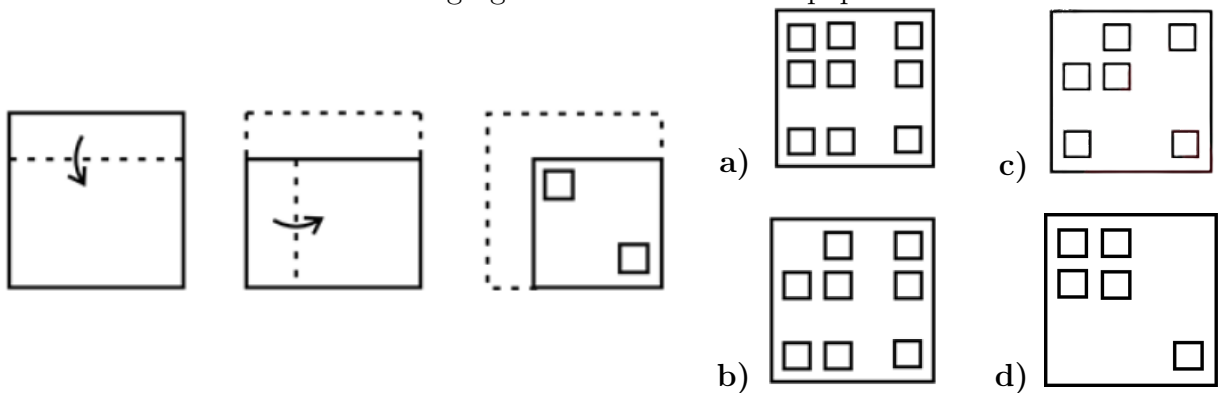
8. Select the figure from the given options that can replace the question mark (?) in the following series.



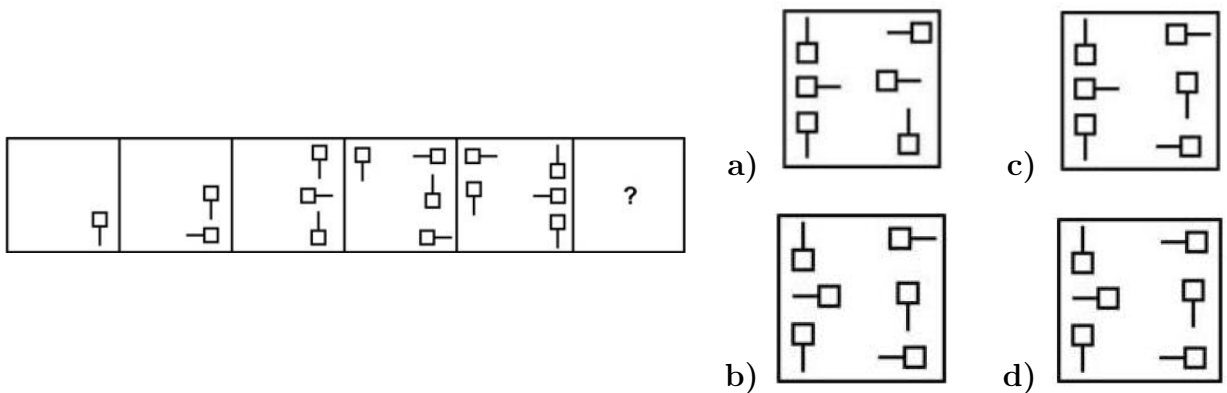
9. Select the figure from the given options that can replace the question mark (?) in the following series.



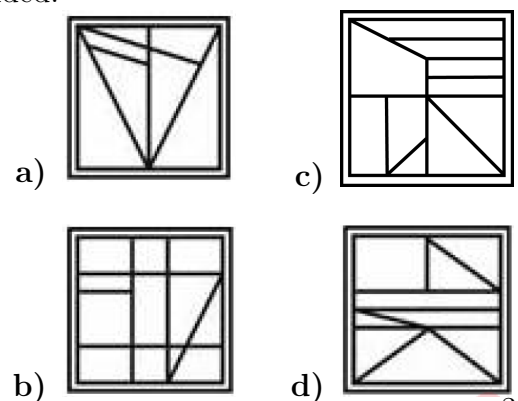
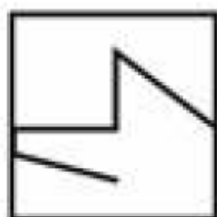
10. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



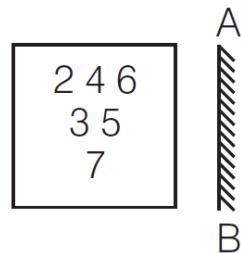
11. Select the figure from among the given options that can replace the question mark (?) in the following series



12. Select the option in which the given figure is embedded.

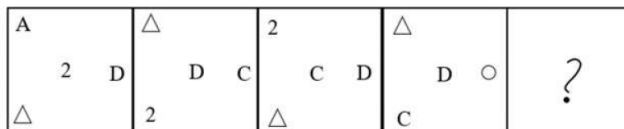


13. Select the correct mirror image of the given figure when the mirror is placed to its right side.



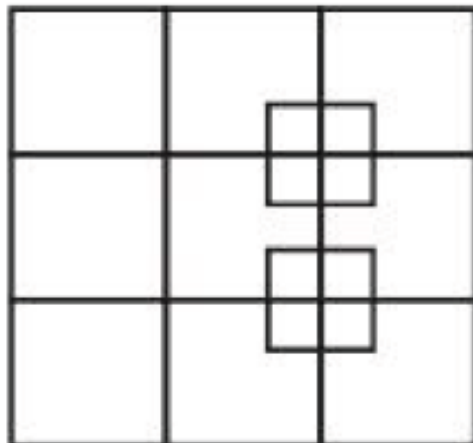
- a)
- b)
- c)
- d)

14. Select the figure that will replace the question mark (?) in the following figure series.



- a)
- b)
- c)
- d)

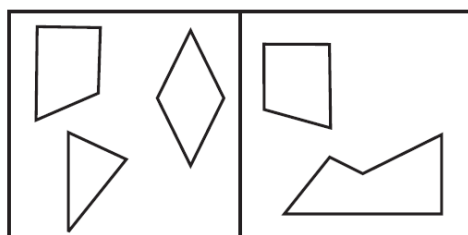
15. Find the number of squares in the following figure.



- a) 24
- b) 20
- c) 22
- d) 26

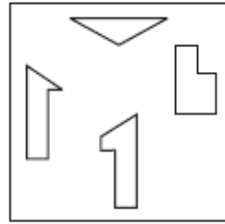
16. In the following question, find a figure from the answer figures that can be formed by joining the pieces given in the question figure.

### Question Figures



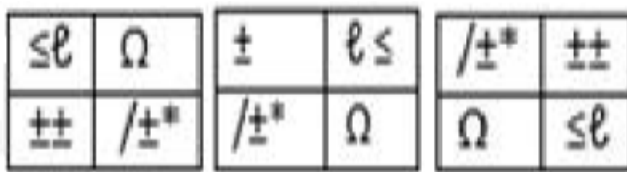
- a)
- b)
- c)
- d)

17. In the following questions, find the figure from the given answer figures, that can form the question figure.



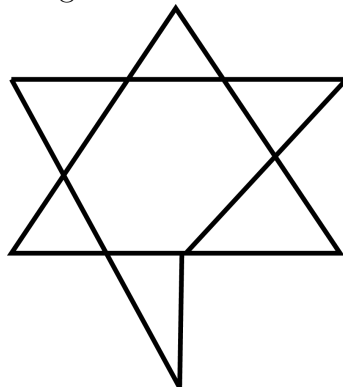
- a) c)
- b) d)

18. Select the figure that will **NEXT** figure in the following figure series



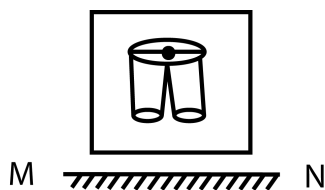
- a) c)
- b) d)

19. How many triangles are there in the following figure?



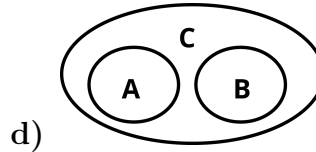
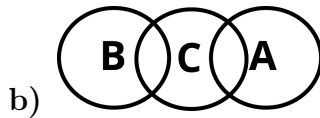
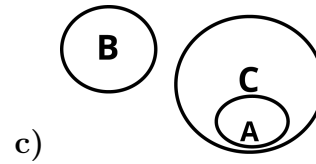
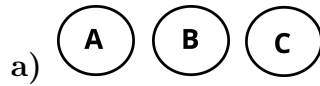
- a) 8 c) 6  
b) 7 d) 11

20. Choose the water image of the given figure.

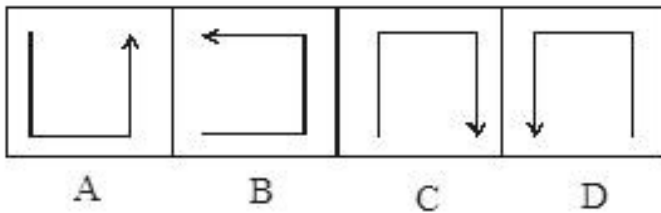


- a) c)
- b) d)

21. Which of the following correctly represents the relationship between: Ray, Ocean and Sun



22. Find the odd one out:



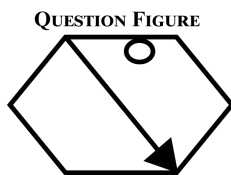
a) A

c) C

b) B

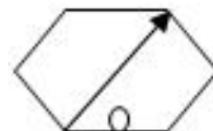
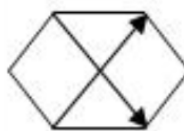
d) D

23. Which of the option figure bears the closest resemblance to the question figure?



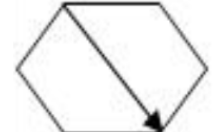
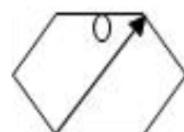
a)

c)

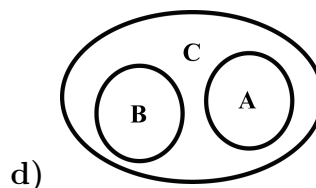
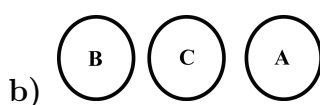
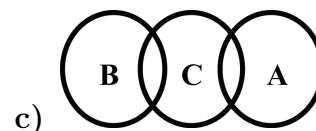
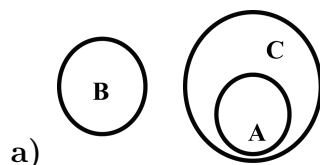


b)

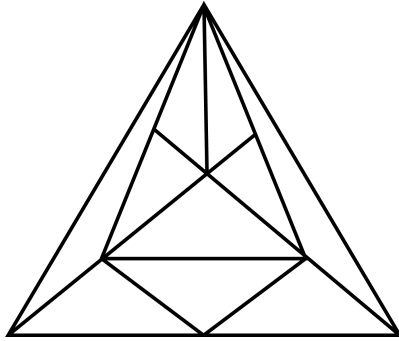
d)



24. Which of the following correctly represents the relationship between: Bell, Water and Brass



25. How many triangles are there in this figure?



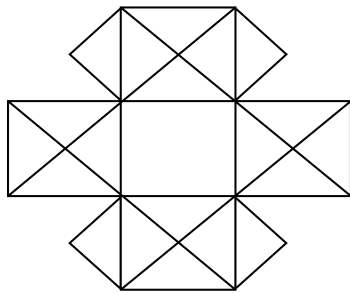
a) 21

c) 22

b) 23

d) 20

26. How many triangles are there in this figure?



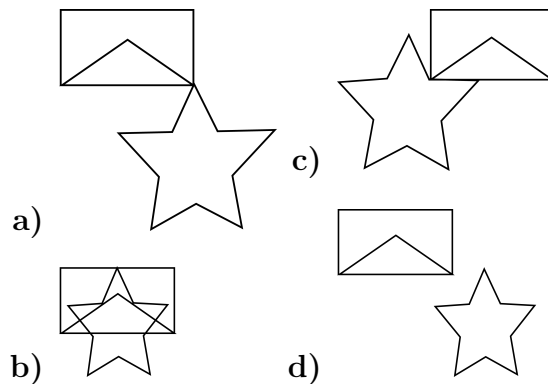
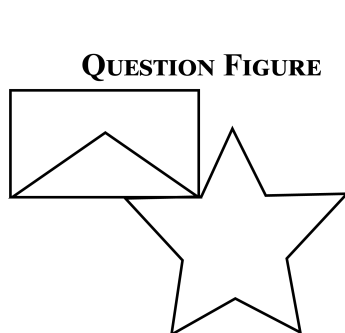
a) 48

c) 46

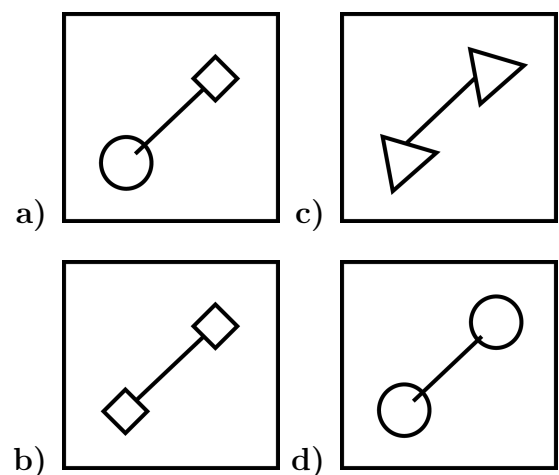
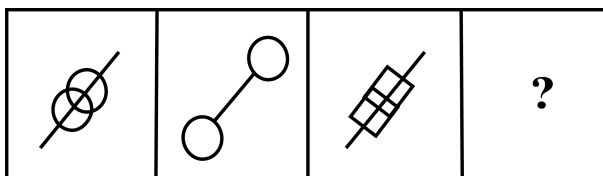
b) 42

d) 44

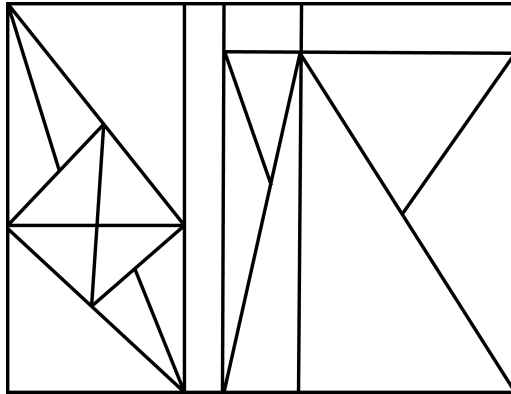
27. Which of the option figure bears the closest resemblance to the question figure?



28. Which answer figure will come next in the given problem figure series?



29. How many triangles are there in this figure?



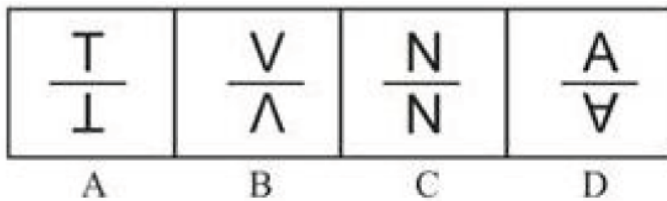
a) 28

c) 24

b) 23

d) 27

30. Find the odd one out:



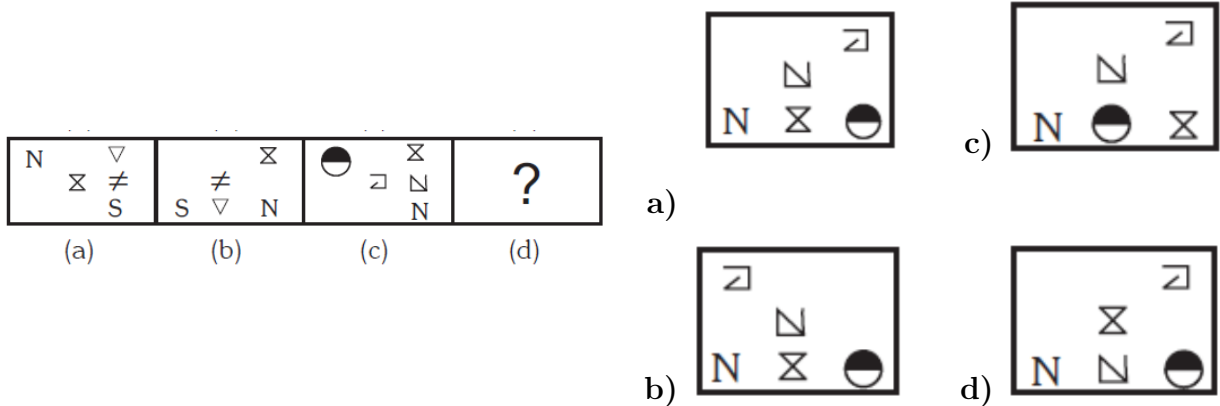
a) A

c) C

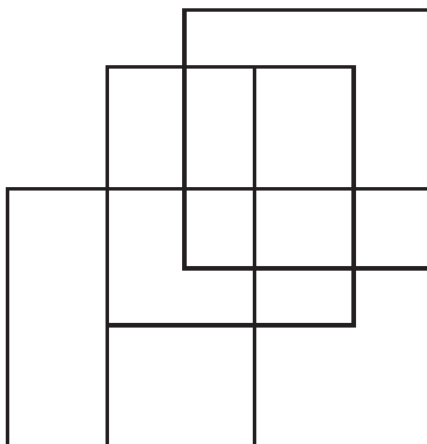
b) B

d) D

31. Select the figure that will **NEXT** figure in the following figure series.



32. How many quadrilaterals are there in these given figures?



a) 20

c) 19

b) 22

d) None of these



33. Select the answer figure in which the question figure is hidden.



a)



c)



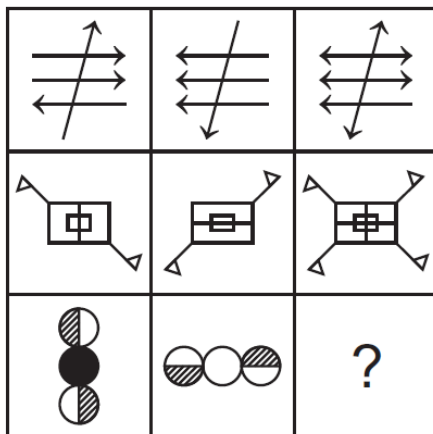
b)



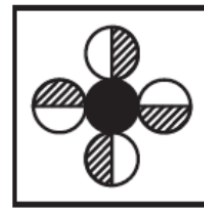
d)



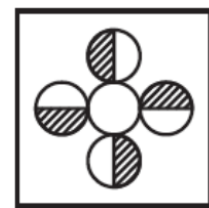
34. Find out the answer figure which completes the question figure matrix.



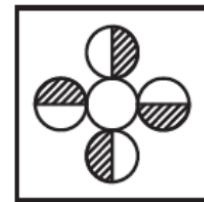
a)



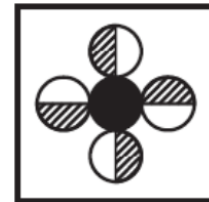
c)



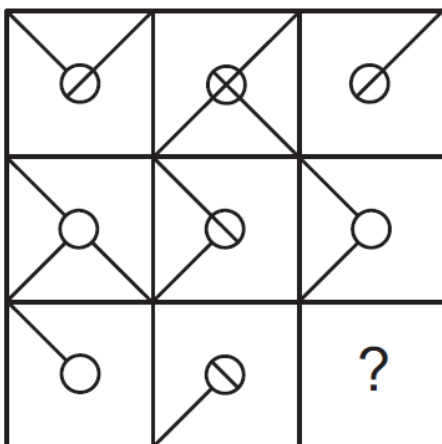
b)



d)



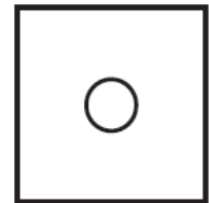
35. Find out the answer figure which completes the question figure matrix.



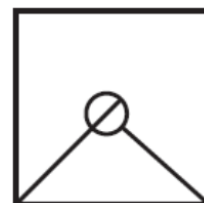
a)



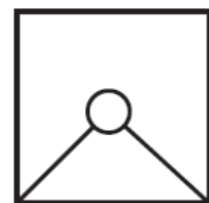
c)



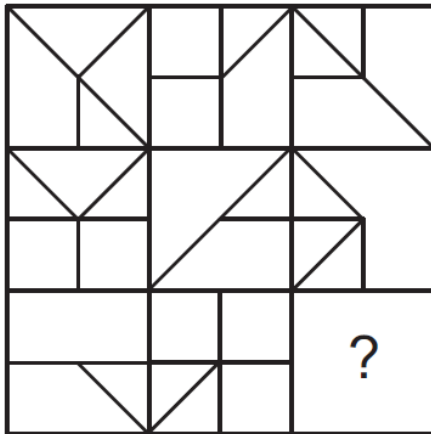
b)



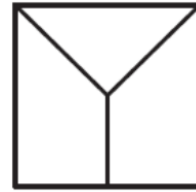
d)



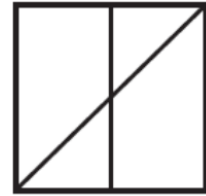
36. Find out the answer figure which completes the question figure matrix.



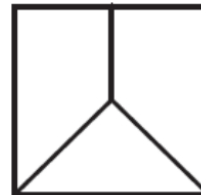
a)



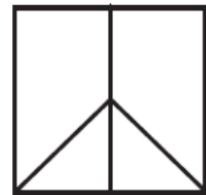
c)



b)



d)



37. The problem figure given-below has the properties of a Latin Square. Each blank cell in the problem Figure will contain an item based on the following properties of the Latin square:

- A row or column never contains the same item twice 2.
- Same items are there in every row 3.
- Same item are there in every column

From the items given in the Response figure, Choose the one that should come in place of “?” in the problem figure

**Problem Figure:**

			55
13			?
	39		13
		67	

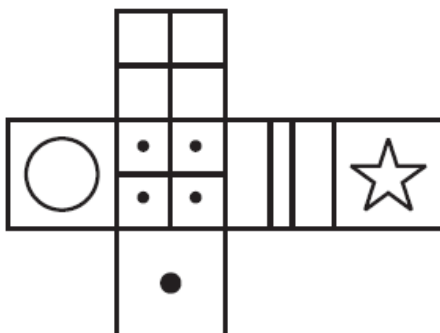
a) 13

c) 39

b) 55

d) 67

38. Which of the following cube in the answer figures cannot be made based on the unfolded cube in the question figure?



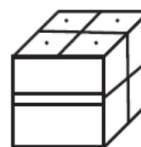
a)



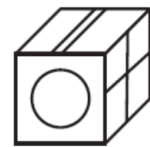
c)



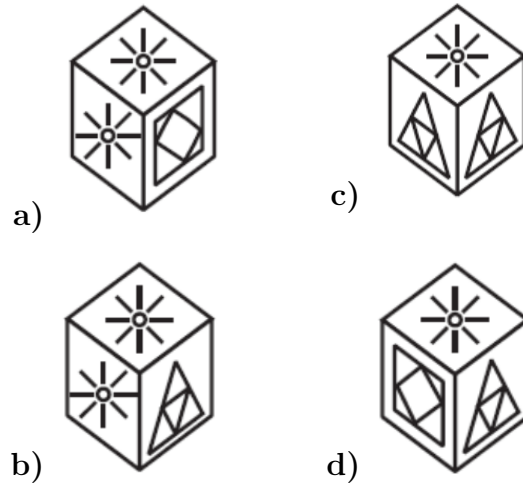
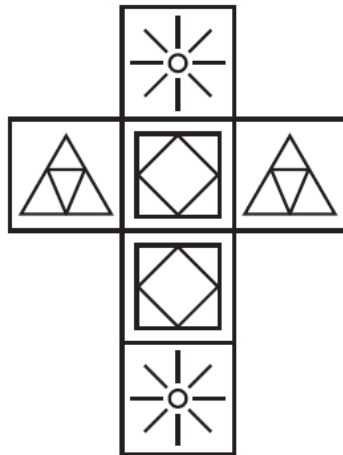
b)



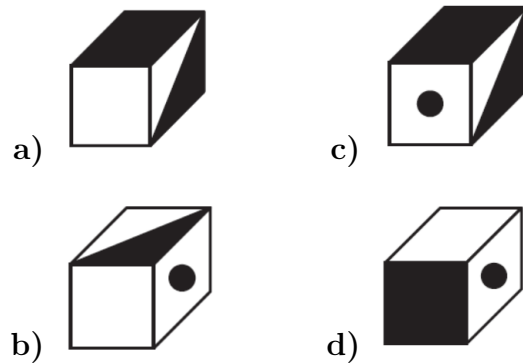
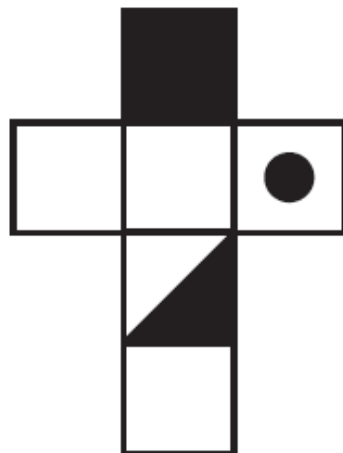
d)



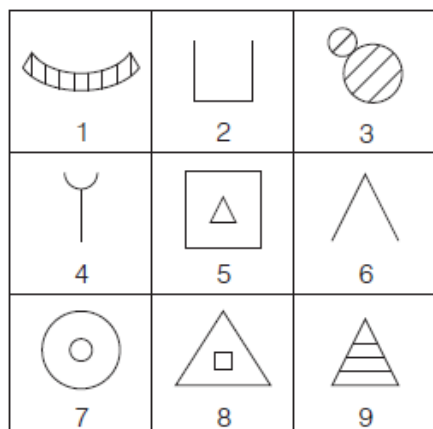
39. In the question given below, an unfolded dice is given in the left side while in the right side, four answer choices are given in the form of complete dice. You are required to select the correct answer choice(s) which cannot be formed by folding the unfolded dice.



40. In the question given below, an unfolded dice is given in the left side while in the right side, four answer choices are given in the form of complete dice. You are required to select the correct answer choice(s) which is/are formed by folding the unfolded dice.

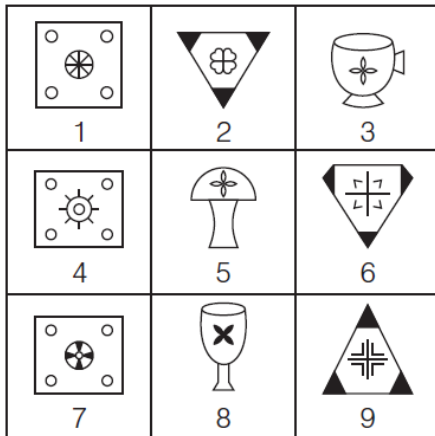


41. In the question, group the given figures into different classes on the basis of their orientation, shape etc. and choose the correct option



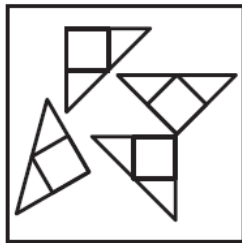
- a) (1,3,9), (2,4,6), (5,7,8)
- b) (3,2,1), (4,6,5), (9,7,8)
- c) (2,4,5), (9,1,3), (7,8,6)
- d) (1,5,7), (2,3,9), (4,6,8)

42. In the question, group the given figures into different classes on the basis of their orientation, shape etc. and choose the correct option



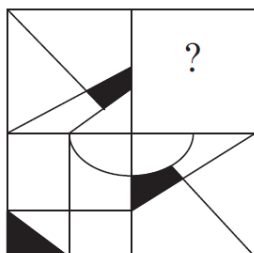
- a) (1,4,7), (3,6,9), (2,5,8)  
b) (1,4,7), (2,6,9), (3,5,8)  
c) (1,6,9), (2,4,7), (3,5,8)  
d) (1,5,7), (2,6,9), (3,4,8)

43. In the question, find a figure from the answer figures that can be formed by joining the pieces given in the question figure.



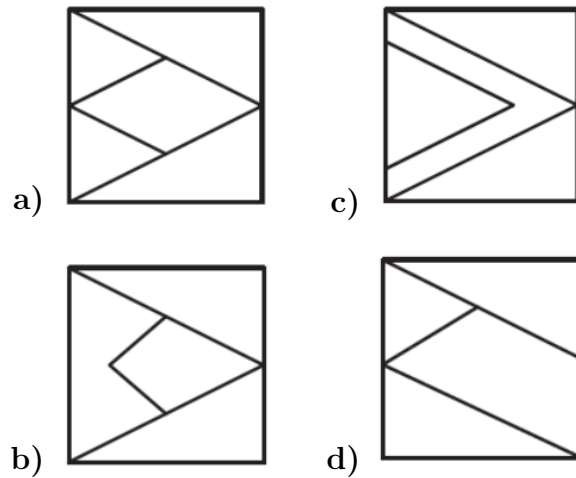
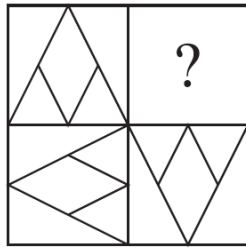
- a)   
b)   
c)   
d)

44. In the question, a part of the given question figure is missing. Find out from the given answer figures (a), (b), (c) and (d), that can replace the '?' to complete the question figure.

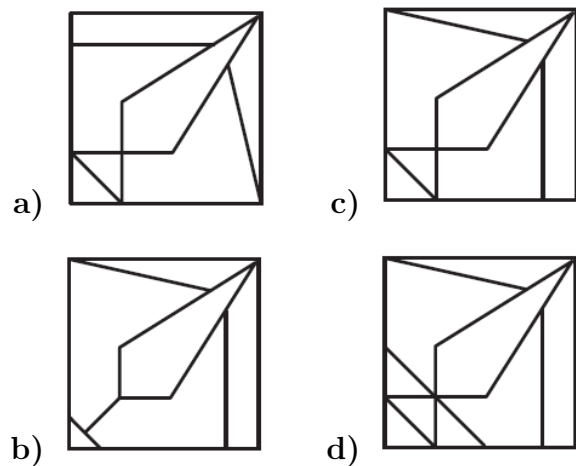
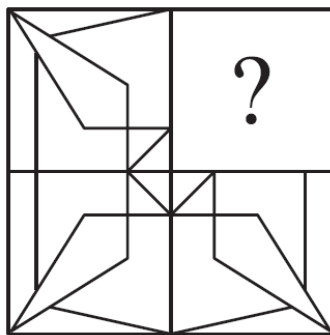


- a)   
b)   
c)   
d)

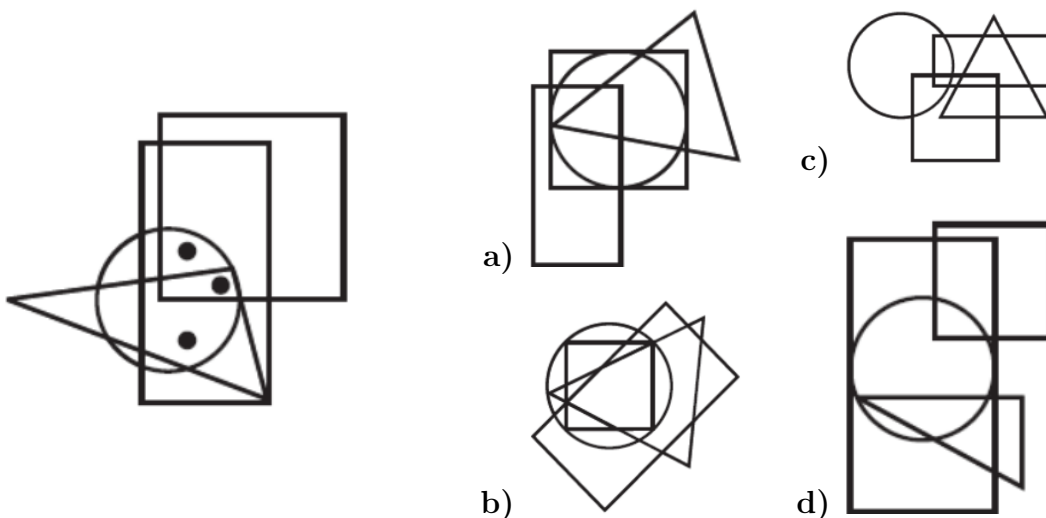
45. In the question, a part of the given question figure is missing. Find out from the given answer figures (a), (b), (c) and (d), that can replace the '?' to complete the question figure.



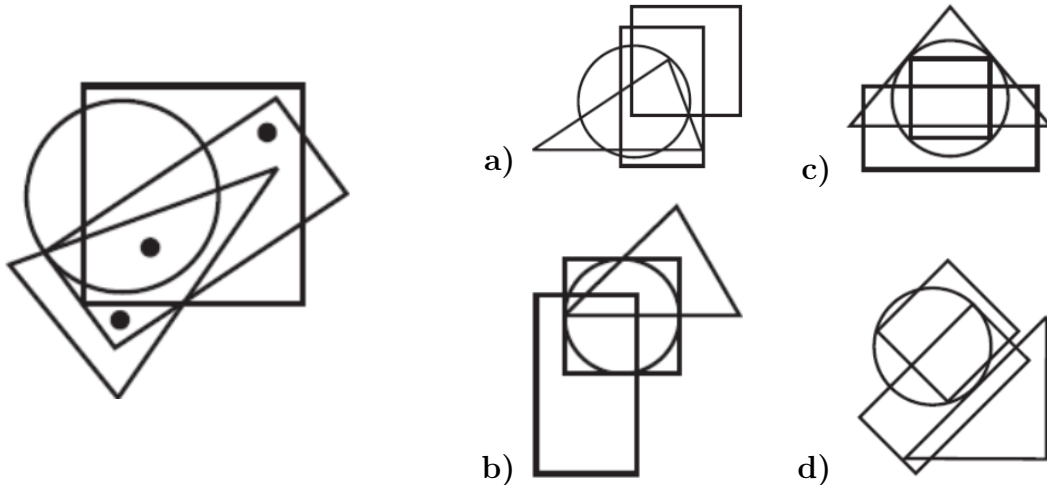
46. In the following question, one or more dots is/are placed in the question figure. This figure is followed by four alternatives (a), (b), (c) and (d). One out of these four options contains region(s) common to circle, square and triangle, similar to that marked by the dot in question figure. Choose that figure



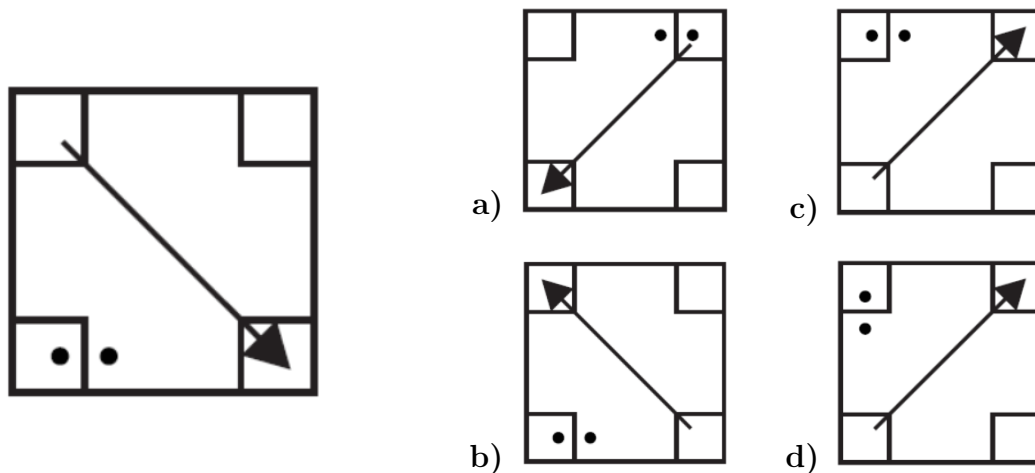
47. In the following question, one or more dots is/are placed in the question figure. This figure is followed by four alternatives (a), (b), (c) and (d). One out of these four options contains region(s) common to circle, square and triangle, similar to that marked by the dot in question figure. Choose that figure



48. In the following question, one or more dots is/are placed in the question figure. This figure is followed by four alternatives (a), (b), (c) and (d). One out of these four options contains region(s) common to circle, square and triangle, similar to that marked by the dot in question figure. Choose that figure



49. Find the water image of the object given in the question figure out of the figures given in the answer figures (a), (b), (c) and (d).



50. The second figure in the first pair of the problem figures bears a certain relationship with the first figure. Similarly, one of the answer figures bears the same relationship with the first figure in the second pair of the problem figures. You have to select that figure from the set of answer figures which will replace the question mark (?)

**Problem Figures**

