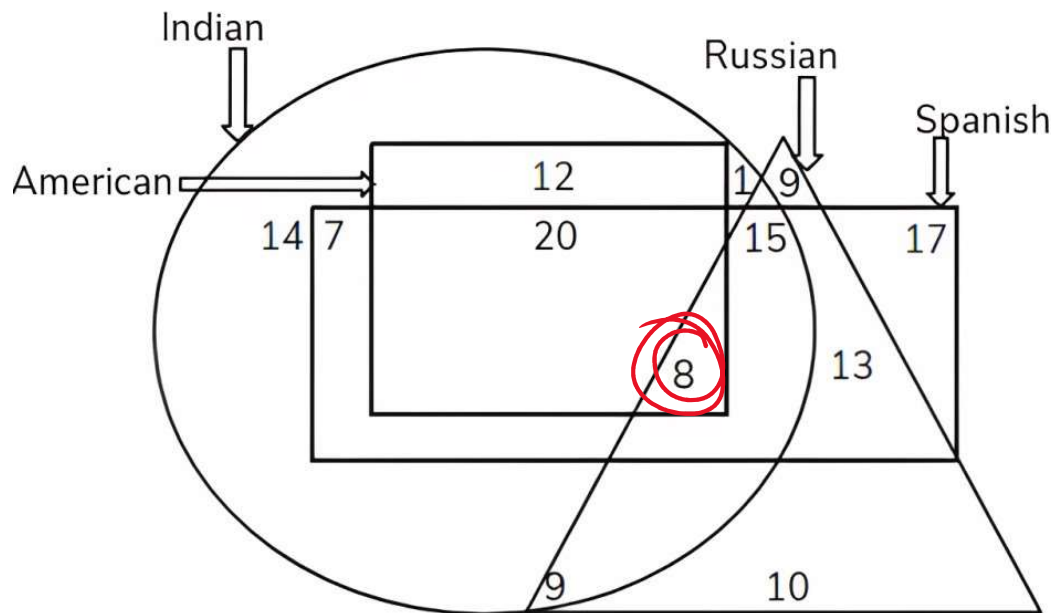


Venn Diagrams - 2Q's

Q16. The following diagram shows the people who can speak various languages, the rectangle stands for 'Spanish; the circle stands for 'Indian; the triangle stands for 'Russian', and the square stands for 'American'. The numbers in different segments show the number of persons.

Answer the question on the basis of the information given in the diagram.



How many persons can speak American and Russian languages?

A. 15

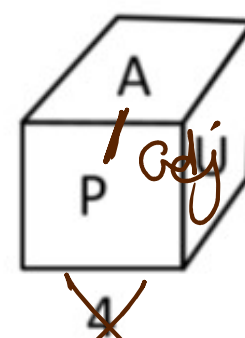
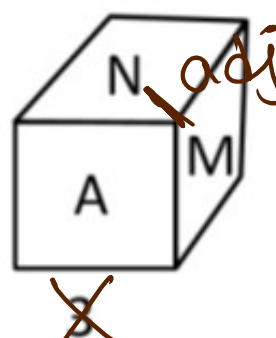
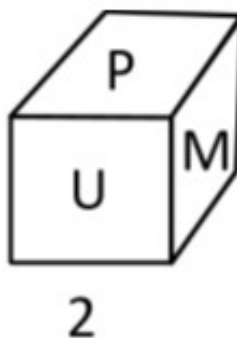
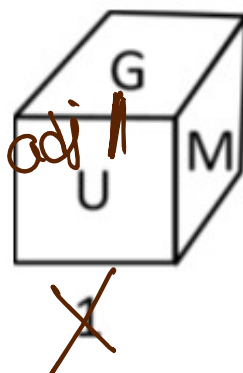
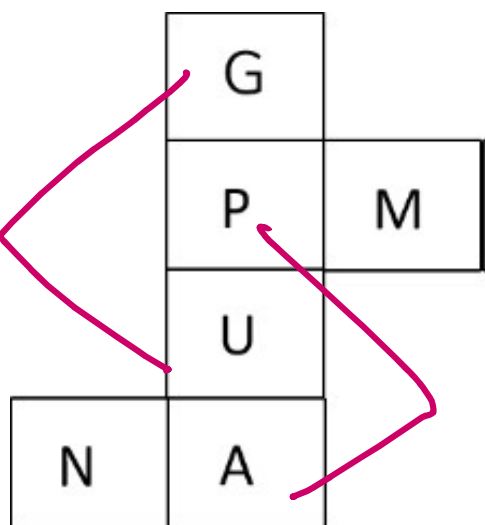
~~B. 8~~

C. 13

D. 9

Q17. Which of the following patterns of the boxes can be formed when the sheet given below is folded? (if the letters are shown to indicate the sides only)

Cubes &
Dice



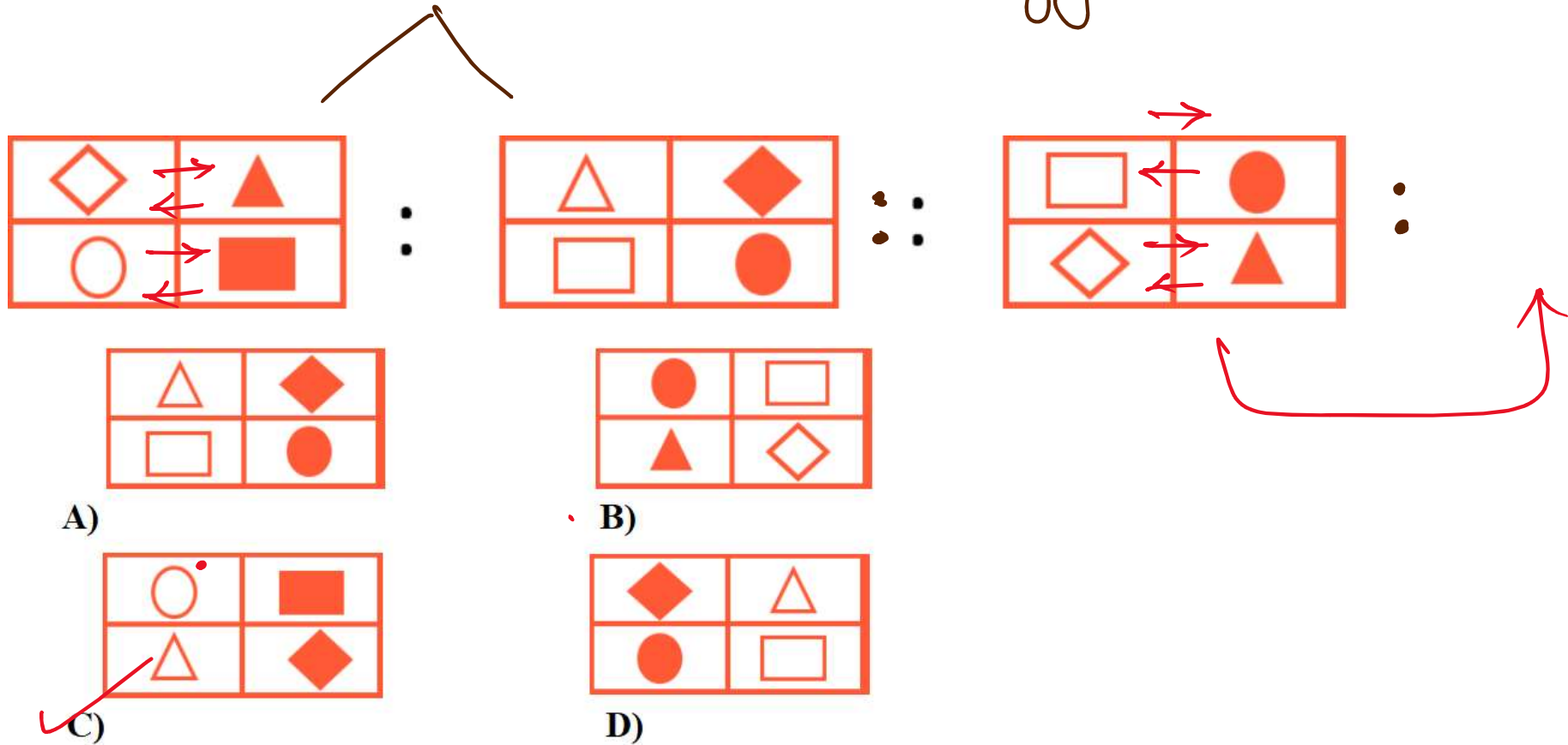
opp. G-U, P-A \Rightarrow N-M
opp. N-M

Top - Bottom

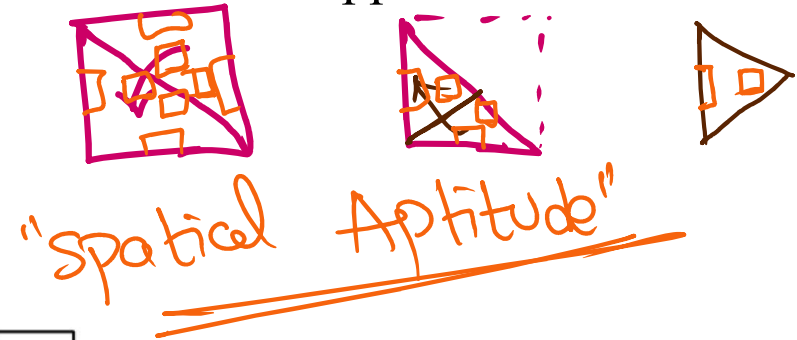
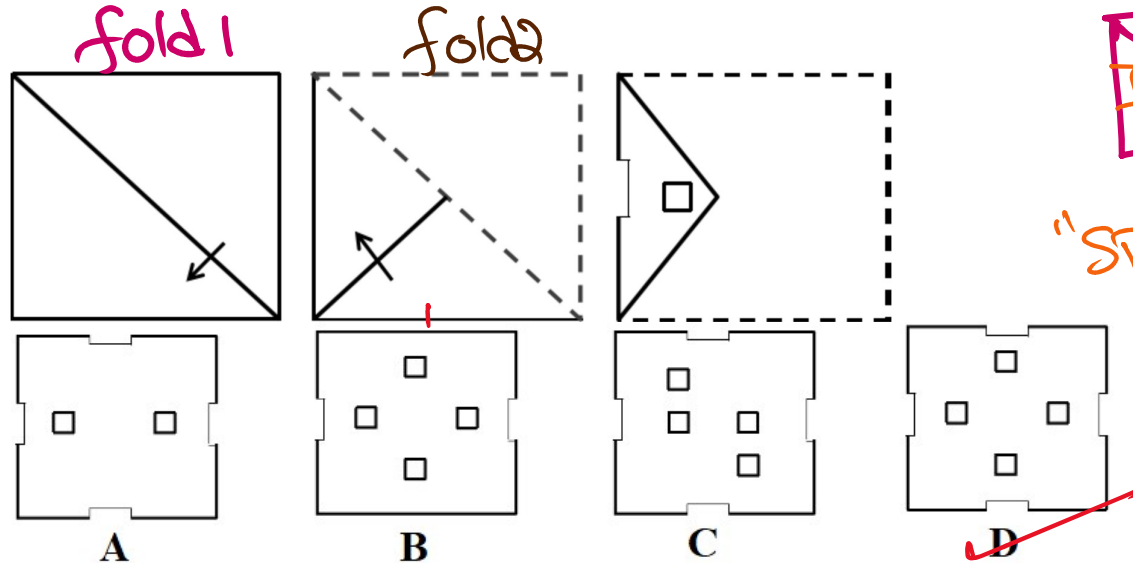
~~A. Only 1 and 2~~~~B. Only 2 and 3~~~~C. Only 2~~~~D. Only 1, 2 and 4~~

Q18. Select the option figure that is related to the third figure in the same way as the second figure is related to the first figure.

Analogy



Q19. A paper is folded and cut as shown below. How will it appear when unfolded?



Q20. Statements:

All animals are plants.

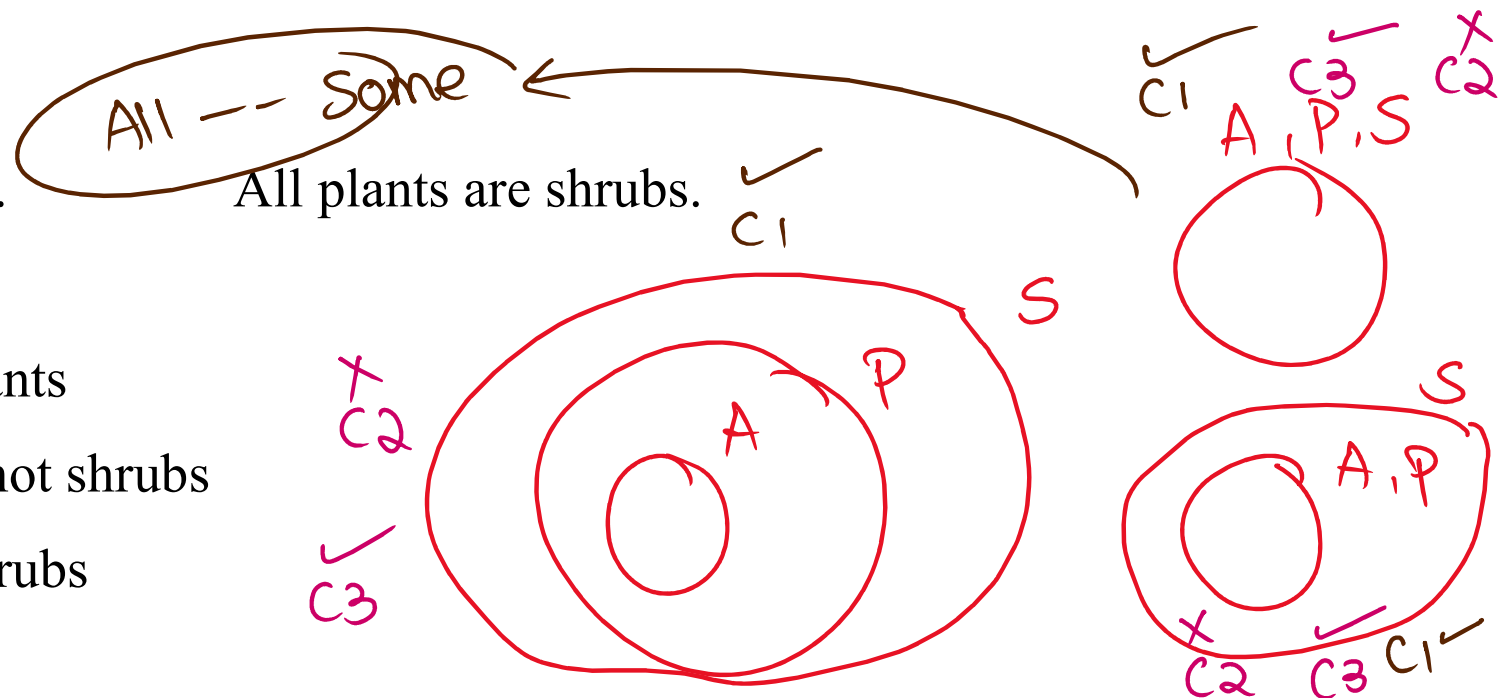
All plants are shrubs.

Conclusions:

I. Some shrubs are plants

II. Some animals are not shrubs

III. All animals are shrubs



- ~~A.~~ None of the conclusions follow
- ✓ B. Only conclusions I and III follow
- ~~C.~~ Only conclusion II follows
- ~~D.~~ Only conclusions I and II follow