# Cubes and Dices

## **Construction of Boxes:**

The details of the cube formed when a sheet is folded to form a box:



3

# In this case:

1 lies opposite 5; 2 lies opposite 4;

3 lies opposite 6.



# In this case: 1 lies opposite 6;

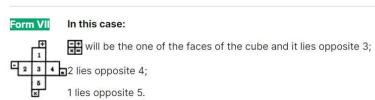
2 lies opposite 4;

3 lies opposite 5.



2 lies opposite 6;

3 lies opposite 5.

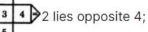


### Form IV In this case: 1 lies opposite 4; 2 3 2 lies opposite 5; 5 3 lies opposite 6.

### Form V In this case: 1 1 lies opposite 3; 2 3 2 lies opposite 5; 4 5 4 lies opposite 6.

### In this case: Form VI

will be the one of the faces of the cube and it lies opposite 3;



1 lies opposite 5.

# In this case: Form VIII

and **•** are two faces of the cube that lie opposite to each other.

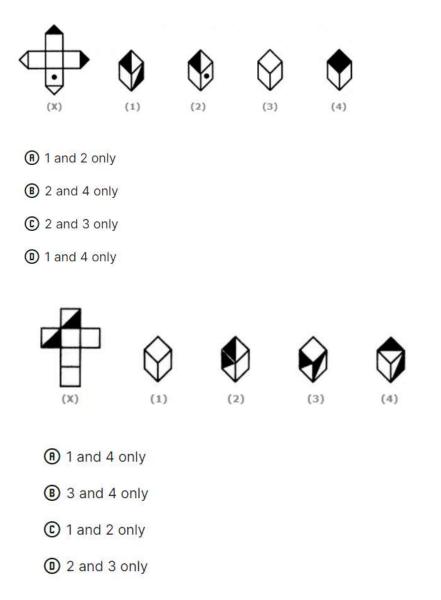
1 lies opposite 3;

2 lies opposite 4;





Choose the box that is similar to the box formed from the given sheet of paper (X).



How many dots lie opposite to the face having three dots, when the given figure is folded to form a cube?

