

QUESTION BASED ON DICE

What is Dice ?

A dice is small cube which has side having different number of placed on it

Type of Dice:

1. Base Dice
2. Open Dice

Base Dice has two Types:

1. Standard Dice
2. Ordinary Dice

What is Standard dice ?

If the summation of opposite faces of a dice is 7, then dice is known as standard dice.



Both the dices having number are not matching So we can call it standard dice.

What is Ordinary Dice ?

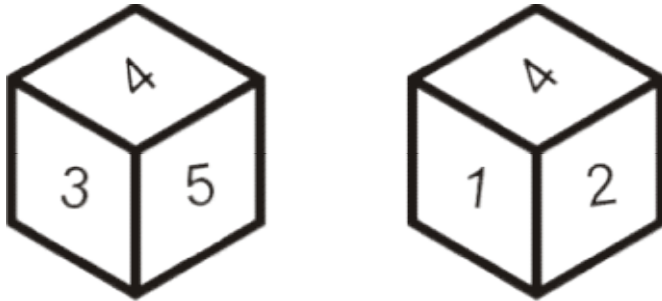
If the summation of opposite faces of dice is not equal to 7, then the dice is known as ordinary dice.



Here we see the two dice, In first one having number 2,3,4 and the second dice having number 3,5,6. Here we say the number 3 are matched. So it is a Ordinary dice.

Rules 1:

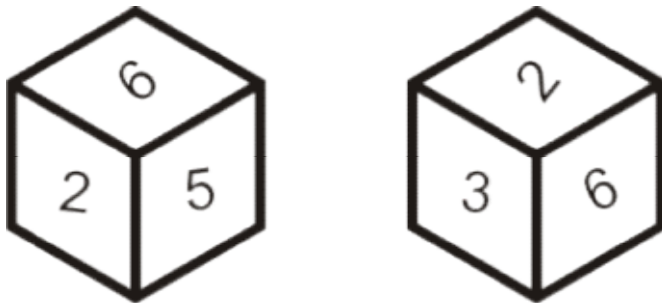
If there is one element is common in both dices also having the same surface then the remaining surface of both dice opposite to each other.



Here is two dices and both the dices having number 4 which has same surface. So according to the rule if both dices also having the same surface and also similar number then the remaining surface of both dice 3,5 and 1,2 are opposite to each other. We can say according to rule 2 is opposite to 5 and 1 is opposite to 3.

Rule 2:

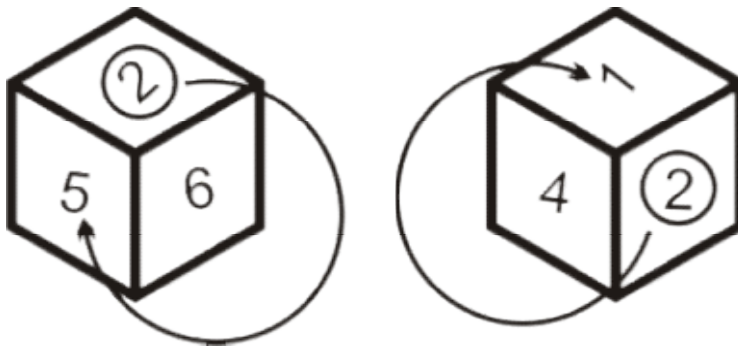
If two numbers are same in both dices whether there surface are no equal, then the remaining number of both dice are opposite to each other.



Here we see that there are two dices and In this dices 6,2 are similar but you can see that 3, 5 are dissimilar. It means 5,3 are opposite to each other, If ask about the opposite of 2 and 6 then the answer is can't be determine because 2 & 6 are similar in both so there are no possible to determine.

Rule 3:

If there is one element common in both the dices having different surface then rotate it in clockwise direction to find out the opposite surface.



According to this rule there are two dices as we see 2 is common in both the dices but their surfaces are different so to find out the opposite of 5 & 6, we need to do some steps. At first we do mark similar common number in both the dices then rotate in clockwise direction.

- As we see after rotating it in clockwise direction first 6 is appear then 5 is appear. **So, 6 is opposite to 4.**
- In second dice after rotating in clockwise direction 4 is appear first then 1 is appear. **So, 5 is opposite to 1.**

Note : After rotating in clockwise direction 6 & 4 become first appearance So these are opposite to each other. 5 & 1 are appear in second one So, these are opposite to each other.

