

Most world record achievers in Mathematics



RBI, C-SAT, Banking, SBI Clerk & PO, IBPS Clerk & PO, IBPS RRB, IPPB, SSC CGL, CHSL, MTS, GD, CPO, International Olympiad.

1. Find the digit at the face opposite to the face having digit 2 in the dice given below.



- (a) $\frac{3}{4}$ (b) $\frac{3}{5}$
(c) $\frac{4}{5}$ (d) $\frac{3}{4/5}$

2. Find the digit at the face opposite to the face having digit 1 in the given dice. [UP B.Ed. 2011]



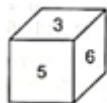
- (a) 2 (b) 4
(c) 6 (d) 3

3. Find the digit at the face opposite to the face having digit 3 in the given dice. [UP B.Ed. 2012]



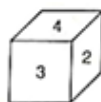
- (a) 2 (b) 4
(c) 6 (d) 3

4. Find the digit at the face opposite to the face having digit 5 in the given dice. [MAT 2010]



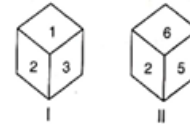
- (a) 1 (b) 2
(c) $\frac{1}{4}$ (d) $\frac{1}{2/4}$

5. Find the digit at the face opposite to the face having digit 4 in the given dice. [UP B.Ed. 2012]



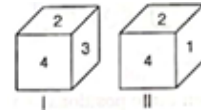
- (a) 1 (b) 5
(c) 6 (d) $\frac{1}{5/6}$

6. Where is the invisible number in the two positions of the same cube? [SSC CGL 2008]



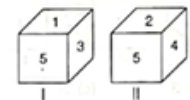
- (a) Opposite of 2 (b) Opposite of 3
(c) Opposite of 4 (d) Opposite of 6

7. Which number will appear on the face opposite to 1? [SSC 10+2 2012]



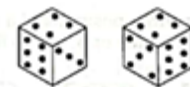
- (a) 6 (b) 5
(c) 4 (d) 3

8. From the given two positions of a single dice, find the digit at the face opposite to the face having digit 4. [UP B.Ed. 2012]



- (a) 1 (b) 2
(c) 3 (d) 4

9. Two positions of a dice are shown. Find the number of the dots on the face opposite the face bearing 3 dots. [WBCS 2020]



- (a) 1 (b) 2
(c) 4 (d) 5

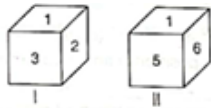
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10. Two positions of a dice are shown. When 4 is at the bottom, what number will be on the top?

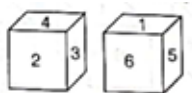
[FCI (Watchman) 2018]



- (a) 2
(b) 4
(c) 5
(d) 1

11. Two positions of a dice are shown as below. If the number 6 is exactly opposite to number 4, then which number is exactly opposite to number 3?

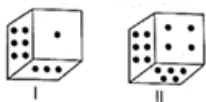
[UPSSSC Combined Lower Subordinate Services 2019]



- (a) 1
(b) 2
(c) 5
(d) 6

12. Two positions of a dice are shown below. If the top face has three dots, then how many dots are there at bottom face?

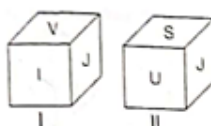
[SSC CGL 2015]



- (a) 5
(b) 1
(c) 4
(d) 2

13. From the given two positions of a single dice, find the letter at the face opposite to the face having letter V.

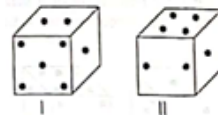
[SSC FCI 2009]



- (a) S
(b) U
(c) J
(d) 1

14. Two positions of a dice are shown below. How many dots will appear on the face opposite to the face containing 5 dots?

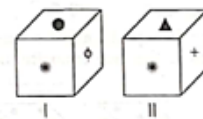
[Delhi Police MTS 2018]



- (a) 3
(b) 1
(c) 2
(d) 4

15. From the given two positions of a single dice, find the figure at the face opposite to the face having figure of o

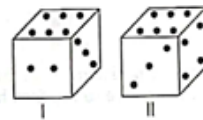
[MAT 2012]



- (a) •
(b) A
(c) 0
(d) +

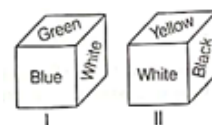
16. From the given two positions of a single dice, find the number of dots at the bottom face, if the top face has 3 dots.

[MAT 2010]



- (a) 1
(b) 5
(c) 6
(d) 1/5

17. Six faces of a block have been painted with green, blue, white, yellow, black and pink. Two positions of this block is given below. If the black colour be at top, then which colour will be at the bottom?



- (a) Green
(b) Blue
(c) Yellow
(d) White

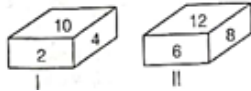
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18. From the given blocks when 10 is at the bottom, which number will be at the top?

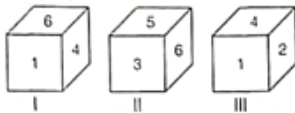
[SSC CGL 2013]



- (a) 8
(b) 12
(c) 6
(d) 4

19. Three positions of a cube are given. Based on them find out which number exists opposite of number 2 in a given cube?

[SSC CPO 2017]



- (a) 2
(b) 5
(c) 1
(d) 6

20. Three different positions of the same dice are shown below. Which number is on the face opposite the face with 1?

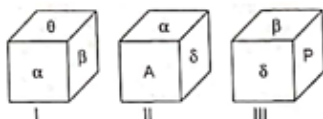
[UPSSSC Combined Lower Subordinate Services 2019]



- (a) 3
(b) 4
(c) 5
(d) 6

21. Three positions of a cube are shown below. What will come opposite to face containing 'a'?

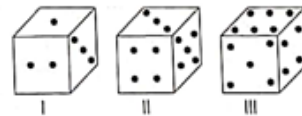
[SSC Delhi Police Constable 2017]



- (a) β
(b) 0
(c) P
(d) A

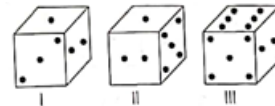
22. How many dots will appear on the surface opposite to the surface having 6 dots?

[SSC CPO 2009]



- (a) 3
(b) 4
(c) 5
(d) 2

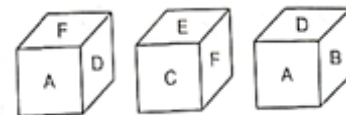
23. From the given three positions of a single dice, find the number of dots at the face opposite to the face having 1 dot.



- (a) 2
(b) 3
(c) 4
(d) 6

24. By using the following figures, find that if B is at the top, then which letter will be at the bottom?

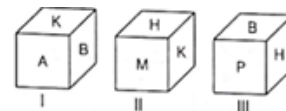
[CG Patwari 2019]



- (a) E
(b) F
(c) D
(d) A

25. Three views of a cube following a particular motion are given below. What is the letter opposite to A?

[UPSC CSAT 2012]



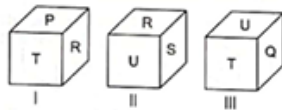
- (a) H
(b) P
(c) B
(d) M

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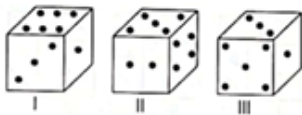
RBI, C-SAT, Banking, SBI Clerk & PO, IBPS Clerk & PO, IBPS RRB, IPPB, SSC CGL, CHSL, MTS, GD, CPO, International Olympiad.

26. From the given three positions of a single dice, find the letter at the face opposite to the face having letter Q.
[MAT 2011]



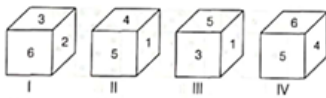
- (a) P (b) R
(c) S (d) T

27. From the given three positions of a single dice, find the number of dots at the face opposite to the face having 5 dots.
[RRB ASM 2010]



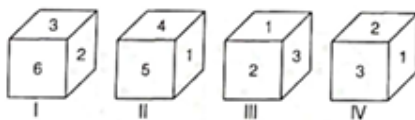
- (a) 1 (b) 2
(c) 4 (d) 6

28. Four positions of a cube are shown below. Identify the number at the bottom when the number at the top is 6?
[SSC CPO 2016]



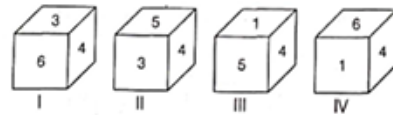
- (a) 1 (b) 4
(c) 5 (d) 2

29. From the given four positions of a single dice, find the digit at the face opposite to the face having digit 6.



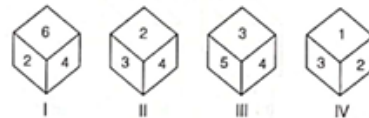
- (a) 1 (b) 3
(c) 4 (d) 5

30. Four positions of a dice are shown below. Identify the number at the bottom if top is 2.
[UPSSSC (AMIN) 2016]



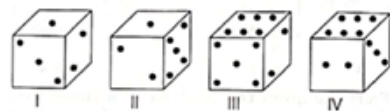
- (a) 6 (b) 4
(c) 3 (d) 1

31. A dice is thrown four times and its different positions are shown below. What number is opposite to face showing 2?
[SSC CPO 2013]



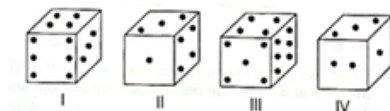
- (a) 6 (b) 3
(c) 4 (d) 5

32. From the given four positions of a single dice, find the number of dots at the face opposite to the face having 1 dot.



- (a) 3 (b) 4
(c) 5 (d) 6

33. From the given four positions of a single dice, find the number of dots at the face opposite to the face having 3 dots.



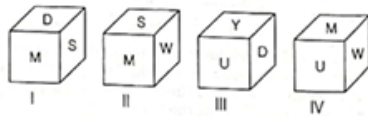
- (a) 2 (b) 4
(c) 5 (d) 6

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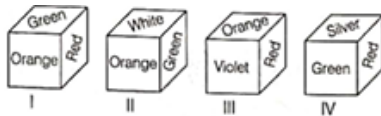
RBI, C-SAT, Banking, SBI Clerk & PO, IBPS Clerk & PO, IBPS RRB, IPPB, SSC CGL, CHSL, MTS, GD, CPO, International Olympiad.

34. From the given four positions of a single dice, find the letter at the face opposite to the face having letter D.



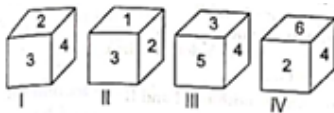
- (a) M (b) S
(c) W (d) U

35. From the given four positions of a single dice, find the colour at the face opposite to the face having green colour. [SSC DEO 2008]



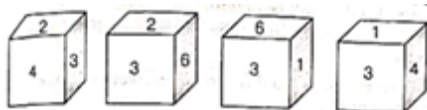
- (a) Orange (b) Red
(c) Silver (d) Violet

36. A dice has numbers 1, 2, 3, 4, 5 and 6 on its faces. Four positions of dice are shown below. The number on the face opposite to the number 3, is [CG PSC 2013]



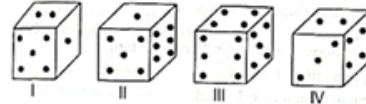
- (a) 4 (b) 5
(c) 6 (d) 1
(e) 2

37. Four positions of the same dice are shown. Select the number that will be on the face opposite to the one shown '3'. [SSC CGL 2019]



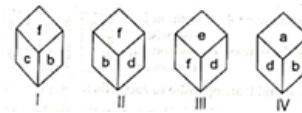
- (a) 1 (b) 2
(c) 3 (d) 5

38. From the given four positions of a single dice, find the number of dots at the face opposite to the face having 4 dots. [SSC 10+2 2010]



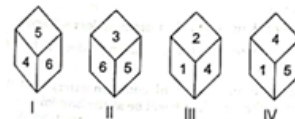
- (a) 1 (b) 2
(c) 3 (d) 4

39. What is the letter opposite to 'e' in the following sequence of diagrams? [Chhattisgarh Revenue Inspector 2017]



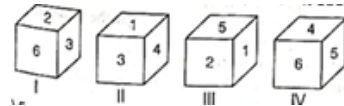
- (a) a (b) b
(c) c (d) d

40. Given below are 4 pictures of a cube. Which number is on the face opposite to 3? [MAT 2016, SNAP 2013]



- (a) 1 (b) 2
(c) 4 (d) 5

41. Four positions of a dice are given below. Find the digit which is opposite to 3? [SSC 10+2 2012]



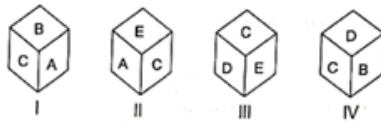
- (a) 5 (b) 1
(c) 2 (d) 6

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42. Four positions of dice are given below. Which letter will be opposite to D? [SSC MTS 2013]

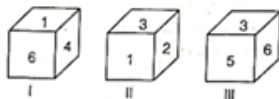


- (a) D (b) A
(c) B (d) C

45. What is the symbol on the face opposite to that containing two dots?

- (a) Single dot (d) Line
(c) Four dots (b) Three dots

43. A cube has six numbers marked 1, 2, 3, 4, 5 and 6 on its faces. Three views of the cube are shown below



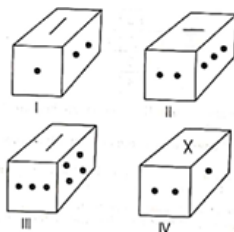
What possible numbers can exist on the two faces marked A and B, respectively? [UPSC CSAT 2013]



- (a) 2 and 3 (b) 6 and 1
(c) 1 and 4 (d) 3 and 1

DIRECTIONS (Q. Nos. 44 and 45) Rotated positions of a single solid are shown below. The various faces of the solid are marked with different symbols like dots, cross and line. Answer the questions that follow the given figures.

[UPSC Civil Services 2018]



44. What is the symbol on the face opposite to that containing a single dot?

- (a) Four dots (b) Three dots
(c) Two dots (d) Cross