



## MATHS

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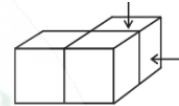


### MENSURATION

#### MCQ'S

1. Cuboid is an example of a. 2- d shape b. 3-d shape c. 1-d shape d. none
2. Which one is a 3d shape? a. square b. rectangle c. circle d. sphere
3. A cuboid has \_\_\_\_\_ rectangular faces a. 4 b.6 c.8 d.10
4. A cube has \_\_\_\_\_ edges. a.4 .b. 6 c.8. d.12
5. The number of faces of a triangular prism are \_\_\_\_ a.4 b.5 c.6 d. none
6. The corners of a solid shapes are called \_\_\_\_\_ a. vertices b. edges c. faces d.net
7. The number of faces of a square pyramid are \_\_\_\_\_ a.6 b.8 c.5 d.4
8. A \_\_\_\_\_ is a skeleton-outline of a solid that can be folded to make it a. vertices b. faces c. edges d.net
9. What will be the number of faces if there are 6 vertices and 12 edges. a.8 b.10 c.12 d.18
10. Which of the following is Euler's formula a.  $F + V - E = 2$  b.  $F + V = E - 2$  c.  $F - V = E - 2$  d.  $F - V + E = 2$
11. What cross-sections do you get if you give a vertical cut to a brick? a. cube b. cuboid c. sphere d. circle
12. What cross-sections do you get if you give a horizontal cut to a brick? a. cube b. cuboid c. sphere d. circle
13. What cross-sections do you get if you give a vertical cut to an apple? a. cube b. circle c. square d. rectangle
14. What cross-sections do you get if you give a vertical cut to hollow pipe? a. rectangle b. triangle c. circle d. cylinder
15. What cross-sections do you get if you give a vertical cut to a cylinder? a. rectangle b. triangle c. circle d. cylinder
16. What cross-sections do you get if you give a horizontal cut to cylinder? a. rectangle b. triangle c. cube d. cylinder
17. What cross-sections do you get if you give a horizontal cut to a dice? a. rectangle b. triangle c. circle d. cylinder

18. What cross-sections do you get if you give a vertical cut to an ice cream? a. cube b. circle c. triangle d. rectangle
19. Two dice are placed side by side with 5 +6, what is the total on the face opposite to the given numbers a.3 b.7 c.11 d.6
20. Two dice are placed side by side with 4+3, what is the total on the face opposite to the given numbers a.3 b.7 c.11 d.6
21. Two dice are placed side by side with 5+2, what is the total on the face opposite to the given numbers a.3 b.7 c.11 d.6
22. Two dice are placed side by side with 2+1, what is the total on the face opposite to the given numbers a.3 b.7 c.11 d.6
23. The number of flat faces of a cylinder are a.1 b.2 c.3 d. none
24. The number of flat faces of a cone are a.1 b.2 c.3 d. none
25. Two cubes of sides 2cm are placed side by side, the length of resulting cuboid is a. 2 cm b.3 cm c.4 cm d.6 cm



## KEY ANSWERS

1. b. 3-d shape
2. d. sphere
3. b. 6
4. d. 12
5. c. 6
6. a. Vertices
7. c.5
8. d.net
9. a.8
10.  $F + V - E = 2$
11. b. cuboid
12. b. cuboid
13. b. circle
14. a. rectangle
15. a. rectangle
16. d. cylinder
17. a. rectangle 1
18. c. triangle
19. a.3
20. b.7
21. b.7
22. c.11
23. b.2
24. a.1
25. c.4 cm

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