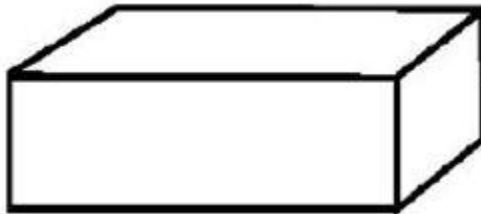


Class: VII
Subject: Math's
Topic: Representing 3-D in 2-D geometry
No. of Questions: 25

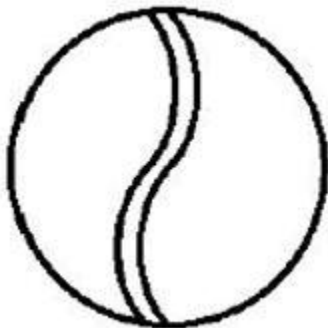
Q1. Name of the solid given below:



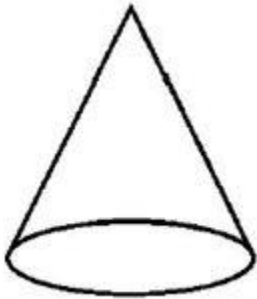
Q2. Name of the solid given below.



Q3. Name of the solid given below.



Q4. Name of the solid given below.



Q5. The base of a prism is an octagon. Find the total number of edges on the prism?

Q6. The number of faces of a triangular pyramid or tetrahedron is _____.

Q7. The number of triangular faces of a triangular prism is _____.

Q8. The number of rectangular faces of a triangular prism is _____.

Q9. The number of triangular faces of a rectangular pyramid is _____.

Q10. The number of rectangular faces of a rectangular pyramid is _____.

Q11. The number of edges of a triangular prism is _____.

Q12. The number of edges of a square pyramid is _____.

Q13. The number of edges of a triangular pyramid is _____.

Q14. The number of edges of a rectangular pyramid is _____.

Q15. The number of faces of a triangular prism is _____.

Q16. The number of faces of a triangular pyramid is _____.

Q17. The number of faces of a square pyramid is _____.

Q18. The number of faces of a rectangular prism is _____.

Q19. The corners of a solid shape are called its _____.

- Q20. A _____ is a skeleton-outline of a solid that can be folded to make it.
- Q21. What will be the number of faces if there are 6 vertices and 12 edges?
- Q22. What will be the number of edges if there are 12 vertices and 20 faces?
- Q23. Which of the following is Euler's Formula:
- (i) $V - E + F = 2$
 - (ii) $V + E + F = 3$
 - (iii) $V - E + F = 3$
 - (iv) $V + E - F = 2$
- Q24. What will happen to volume of a cube of side 10 cm, if its each side is tripled?
- Q25. How many circular bases does a sphere have?