

10. MENSURATION

1. Area of circle with d as diameter is _____ sq.units
2. Number of diameters of a circle is _____
3. The ratio between the volume of a cone and a cylinder is _____
4. Heap of stones is example of _____
5. Volume of a cylinder = 88cm^3 , $r = 2\text{cm}$ then $h =$ _____ cm
6. Area of Ring = _____
7. Book is an example of _____
8. The edge of a pencil gives an idea about _____
9. In a cylinder $d = 40\text{cm}$, $h = 56\text{cm}$ then $\text{CSA} =$ _____ cm^2
10. If each side of a cube is doubled then its volume becomes _____ times
11. $r=2.1\text{cm}$ then volume of the sphere is _____ cm^3
12. The volume of right circular cone with radius 6cm and height 7cm is _____ cm^3
13. Laddu is in _____ shape
14. In a cylinder $r = 1\text{cm}$, $h = 7\text{cm}$, then $\text{TSA} =$ _____ cm^2
15. The base of a cylinder is _____
16. In a cylinder $r = 10\text{cm}$, $h = 280\text{cm}$ then volume = _____ cm^3 .
17. Volume of cube is 1728 cm then its edge is _____ cm
18. If d is the diameter of a sphere then its volume is _____ cubic units
19. Volume of cylinder is _____
20. Circumference of semi circle is _____ units
21. The area of the base of a cylinder is 616 sq.cm then its radius is _____
22. Volume of hemisphere is _____
23. T.S.A of a cube is 216cm^2 then volume is _____ cm^3
24. In a square the diagonal is _____ times of its side.
25. Volume of sphere with radius r units is _____ cubic units
26. In the cone $l^2 =$ _____
27. Number of radii of a circle is _____
28. Number of edges of a cuboid is _____
29. Diagonal of a cuboid is _____

30. In a hemisphere $r = 3.5\text{cm}$, then L.S.A = _____ cm^2
31. L.S.A of cone is _____
32. Rocket is a combination of _____ and _____
33. Volume of cone is _____ (or) _____
34. The surface area of sphere of radius 2.1 cm is _____ cm^2
35. In a cone $r = 7\text{cm}$, $h = 21\text{cm}$ Then $l =$ _____ cm
36. The base area of a cylinder is 200 cm^2 and its height is 4cm then its volume is _____ cm^3 .
37. The diagonal of a square is $7\sqrt{2}\text{cm}$. Then its area is _____ cm^2
38. The ratio of volume of a cone and cylinder of equal diameter and height is _____
39. In a cylinder $r = 1.75\text{cm}$, $h = 10\text{cm}$, then CSA = _____ cm^2
40. T.S.A of cylinder is _____ sq.units.

ANSWERS

- 1) $\pi d^2/4$; 2) infinite; 3) 1:3; 4) cone; 5) 7; 6) $\pi(R^2-r^2)$; 7) cuboid; 8) cone; 9) 7040; 10) 8; 11) 38.808; 12) 264; 13) spherical; 14) 50.28; 15) circle; 16) 88000; 17) 12; 18) $1/6\pi d^3$; 19) $\pi r^2 h$; 20) $36/7r$. 21) 14cm; 22) $2/3 \pi r^3$; 23) 216; 24) $\sqrt{2}$; 25) $4/3 \pi r^3$; 26) $r^2 + h^2$; 27) infinite; 28) 12; 29) $\sqrt{1^2 + b^2 + h^2}$; 30) 77; 31) $\pi r l$; 32) cone, cylinder; 33) $1/3 \times$ volume of cylinder (or) $1/3 \times \pi r^2 h$; 34) 55.44; 35) $\sqrt{490}$; 36) 800; 37) 49; 38) 1:3; 39) 110; 40) $2\pi r (h+r)$.