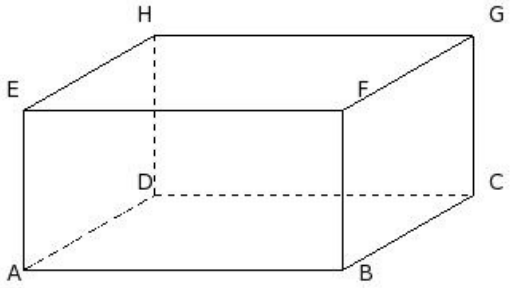
EduSahara™ Assignment

Name : Cube and Cuboid

Chapter : Volume and Surface Area of Solids

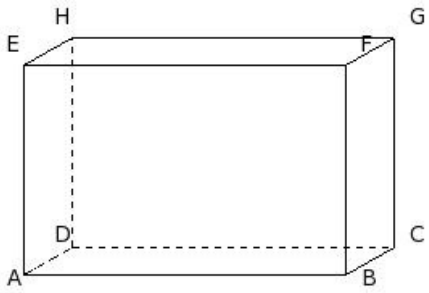
Grade : ICSE Grade IX

1. If the length, breadth and height of a cuboid are 20.00 cm, 19.00 cm and 10.00 cm respectively, its L.S.A is



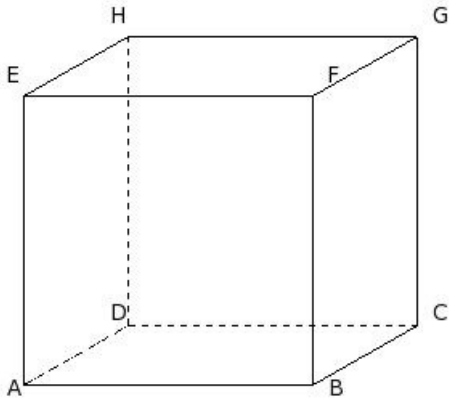
(i) 763.00 sq.cm (ii) 780.00 sq.cm (iii) 788.00 sq.cm (iv) 752.00 sq.cm (v) 794.00 sq.cm

2. If the length, breadth and height of a cuboid are 20.00 cm, 7.00 cm and 13.00 cm respectively, its T.S.A is



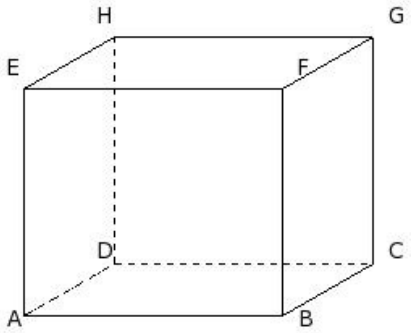
(i) 966.00 sq.cm (ii) 982.00 sq.cm (iii) 1005.00 sq.cm (iv) 974.00 sq.cm (v) 985.00 sq.cm

3. If the length, breadth and height of a cuboid are 18.00 cm, 15.00 cm and 18.00 cm respectively, its volume is



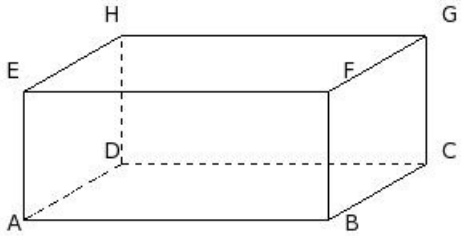
(i) 4860.00 cu.cm (ii) 4980.00 cu.cm (iii) 5020.00 cu.cm (iv) 4730.00 cu.cm (v) 4620.00 cu.cm

4. If the length, breadth and L.S.A of a cuboid are 16.00 cm, 13.00 cm and 812.00 sq.cm respectively, its height is



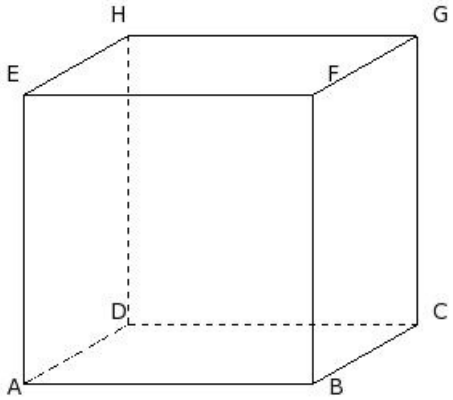
(i) 14.00 cm (ii) 19.00 cm (iii) 9.00 cm (iv) 17.00 cm (v) 11.00 cm

5. If the length, breadth and L.S.A of a cuboid are 19.00 cm, 14.00 cm and 528.00 sq.cm respectively, its T.S.A is



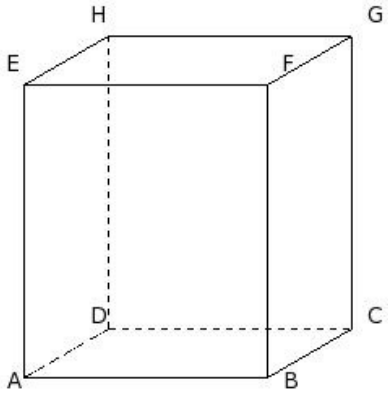
(i) 980.00 sq.cm (ii) 1320.00 sq.cm (iii) 1090.00 sq.cm (iv) 1060.00 sq.cm (v) 820.00 sq.cm

6. If the length, breadth and L.S.A of a cuboid are 18.00 cm, 15.00 cm and 1188.00 sq.cm respectively, its volume is



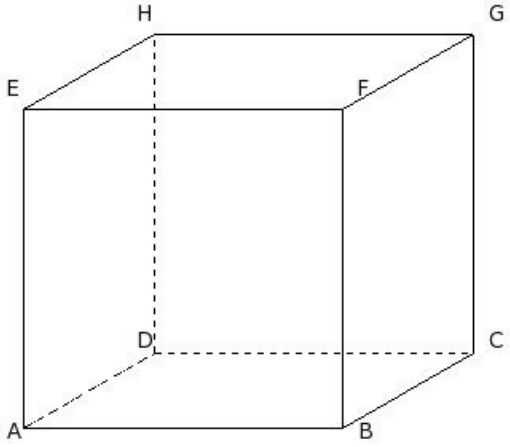
(i) 4860.00 cu.cm (ii) 4730.00 cu.cm (iii) 4990.00 cu.cm (iv) 5010.00 cu.cm (v) 4620.00 cu.cm

7. If the length, breadth and T.S.A of a cuboid are 15.00 cm, 12.00 cm and 1332.00 sq.cm respectively, its height is



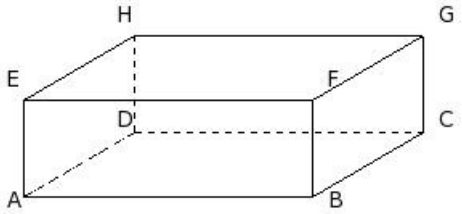
(i) 18.00 cm (ii) 15.00 cm (iii) 23.00 cm (iv) 13.00 cm (v) 21.00 cm

8. If the length, breadth and T.S.A of a cuboid are 20.00 cm, 19.00 cm and 2320.00 sq.cm respectively, its L.S.A is



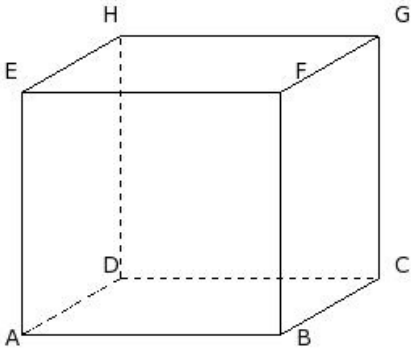
(i) 1840.00 sq.cm (ii) 1340.00 sq.cm (iii) 1430.00 sq.cm (iv) 1610.00 sq.cm (v) 1560.00 sq.cm

9. If the length, breadth and T.S.A of a cuboid are 18.00 cm, 16.00 cm and 984.00 sq.cm respectively, its volume is



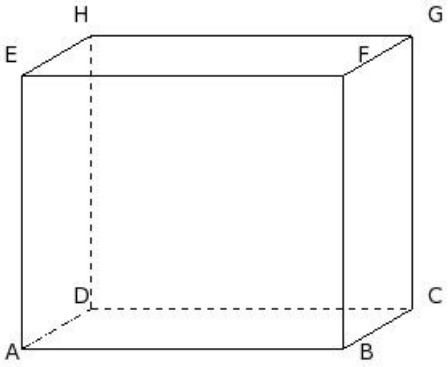
(i) 1798.00 cu.cm (ii) 1728.00 cu.cm (iii) 1998.00 cu.cm (iv) 1508.00 cu.cm (v) 1548.00 cu.cm

10. If the length, breadth and volume of a cuboid are 16.00 cm, 14.00 cm and 3360.00 cu.cm respectively, its height is



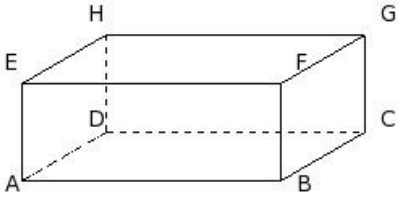
(i) 18.00 cm (ii) 12.00 cm (iii) 15.00 cm (iv) 20.00 cm (v) 10.00 cm

11. If the length, breadth and volume of a cuboid are 20.00 cm, 10.00 cm and 3400.00 cu.cm respectively, its L.S.A is



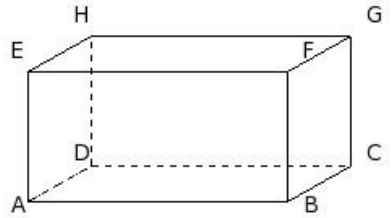
(i) 840.00 sq.cm (ii) 1020.00 sq.cm (iii) 790.00 sq.cm (iv) 1170.00 sq.cm (v) 1050.00 sq.cm

12. If the length, breadth and volume of a cuboid are 16.00 cm, 12.00 cm and 1152.00 cu.cm respectively, its T.S.A is



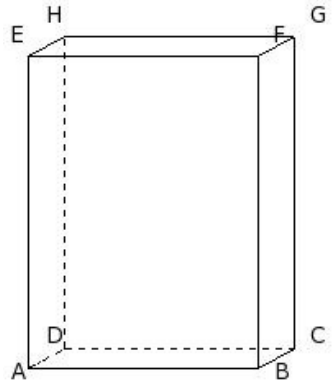
(i) 715.00 sq.cm (ii) 732.00 sq.cm (iii) 693.00 sq.cm (iv) 736.00 sq.cm (v) 720.00 sq.cm

13. If the length, height and L.S.A of a cuboid are 16.00 cm, 8.00 cm and 400.00 sq.cm respectively, its breadth is



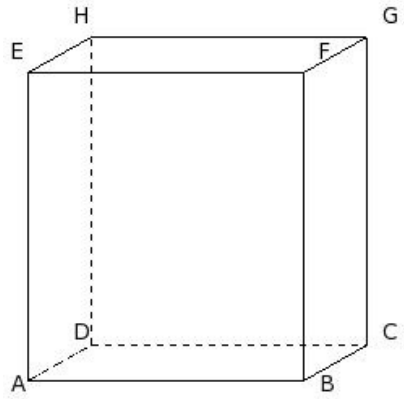
(i) 9.00 cm (ii) 10.00 cm (iii) 11.00 cm (iv) 7.00 cm (v) 8.00 cm

14. If the length, height and L.S.A of a cuboid are 14.00 cm, 19.00 cm and 722.00 sq.cm respectively, its T.S.A is



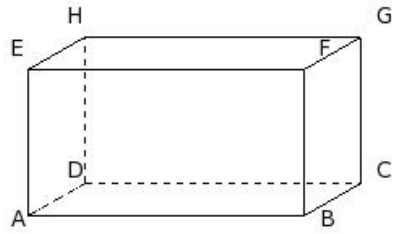
(i) 837.00 sq.cm (ii) 864.00 sq.cm (iii) 845.00 sq.cm (iv) 886.00 sq.cm (v) 862.00 sq.cm

15. If the length, height and L.S.A of a cuboid are 17.00 cm, 19.00 cm and 988.00 sq.cm respectively, its volume is



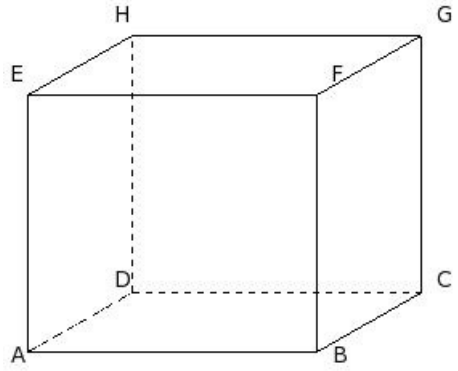
(i) 2627.00 cu.cm (ii) 3037.00 cu.cm (iii) 3167.00 cu.cm (iv) 2907.00 cu.cm (v) 2737.00 cu.cm

16. If the length, height and T.S.A of a cuboid are 17.00 cm, 9.00 cm and 722.00 sq.cm respectively, its breadth is



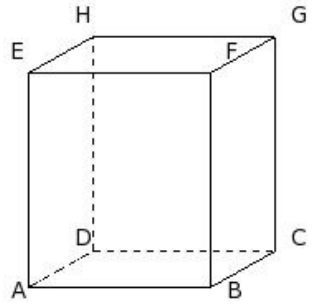
(i) 10.00 cm (ii) 8.00 cm (iii) 9.00 cm (iv) 6.00 cm (v) 7.00 cm

17. If the length, height and T.S.A of a cuboid are 18.00 cm, 16.00 cm and 1596.00 sq.cm respectively, its L.S.A is



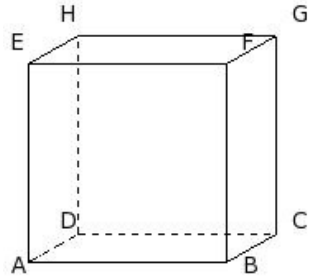
(i) 1056.00 sq.cm (ii) 1186.00 sq.cm (iii) 1016.00 sq.cm (iv) 1206.00 sq.cm (v) 876.00 sq.cm

18. If the length, height and volume of a cuboid are 11.00 cm, 13.00 cm and 1287.00 cu.cm respectively, its breadth is



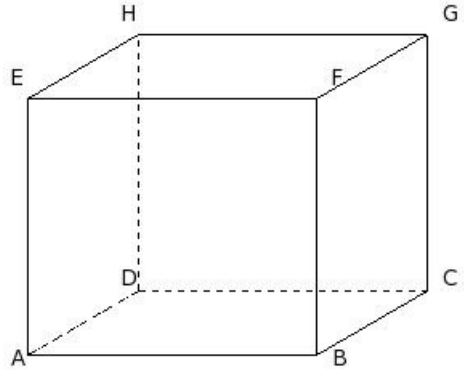
(i) 10.00 cm (ii) 7.00 cm (iii) 11.00 cm (iv) 8.00 cm (v) 9.00 cm

19. If the length, height and volume of a cuboid are 12.00 cm, 12.00 cm and 1008.00 cu.cm respectively, its L.S.A is



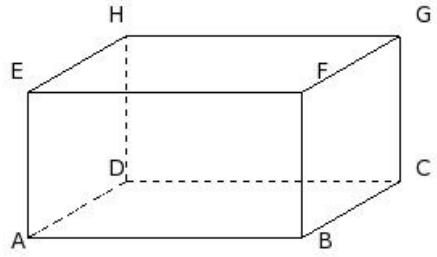
(i) 456.00 sq.cm (ii) 429.00 sq.cm (iii) 470.00 sq.cm (iv) 462.00 sq.cm (v) 441.00 sq.cm

20. If the length, height and volume of a cuboid are 18.00 cm, 16.00 cm and 4608.00 cu.cm respectively, its T.S.A is



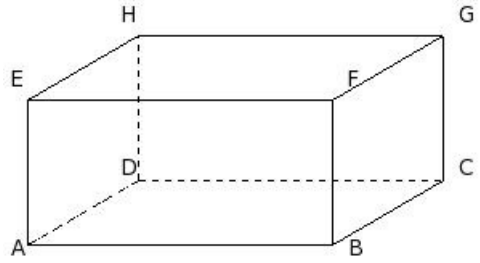
(i) 1484.00 sq.cm (ii) 1914.00 sq.cm (iii) 1704.00 sq.cm (iv) 1664.00 sq.cm (v) 1604.00 sq.cm

21. If the breadth, height and L.S.A of a cuboid are 14.00 cm, 9.00 cm and 558.00 sq.cm respectively, its length is



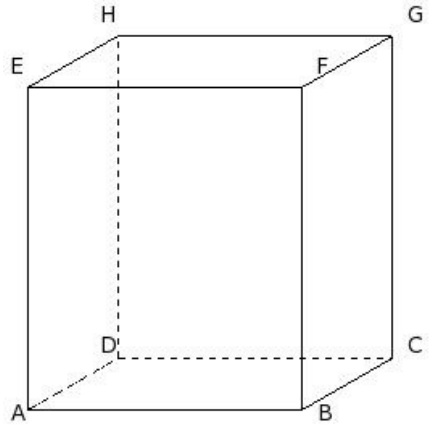
(i) 20.00 cm (ii) 12.00 cm (iii) 14.00 cm (iv) 22.00 cm (v) 17.00 cm

22. If the breadth, height and L.S.A of a cuboid are 16.00 cm, 9.00 cm and 630.00 sq.cm respectively, its T.S.A is



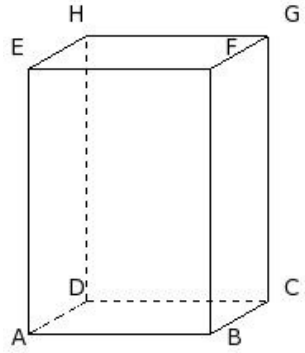
(i) 1108.00 sq.cm (ii) 1298.00 sq.cm (iii) 1158.00 sq.cm (iv) 1238.00 sq.cm (v) 1518.00 sq.cm

23. If the breadth, height and L.S.A of a cuboid are 13.00 cm, 20.00 cm and 1200.00 sq.cm respectively, its volume is



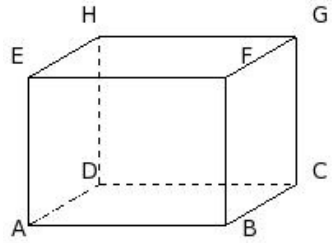
(i) 4270.00 cu.cm (ii) 4280.00 cu.cm (iii) 4420.00 cu.cm (iv) 4440.00 cu.cm (v) 4640.00 cu.cm

24. If the breadth, height and T.S.A of a cuboid are 8.00 cm, 16.00 cm and 784.00 sq.cm respectively, its length is



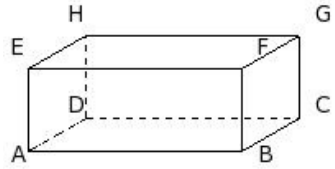
(i) 14.00 cm (ii) 8.00 cm (iii) 6.00 cm (iv) 11.00 cm (v) 16.00 cm

25. If the breadth, height and T.S.A of a cuboid are 10.00 cm, 9.00 cm and 636.00 sq.cm respectively, its L.S.A is



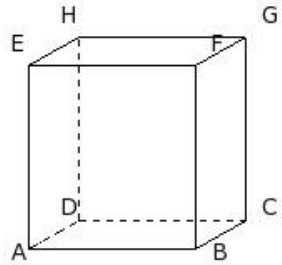
(i) 379.00 sq.cm (ii) 382.00 sq.cm (iii) 400.00 sq.cm (iv) 396.00 sq.cm (v) 418.00 sq.cm

26. If the breadth, height and T.S.A of a cuboid are 8.00 cm, 5.00 cm and 418.00 sq.cm respectively, its volume is



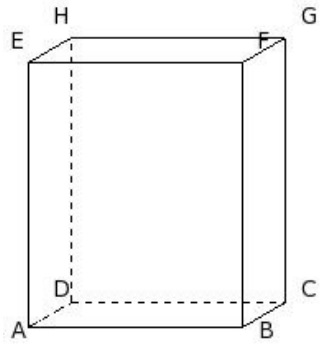
(i) 505.00 cu.cm (ii) 520.00 cu.cm (iii) 522.00 cu.cm (iv) 512.00 cu.cm (v) 536.00 cu.cm

27. If the breadth, height and volume of a cuboid are 7.00 cm, 11.00 cm and 770.00 cu.cm respectively, its length is



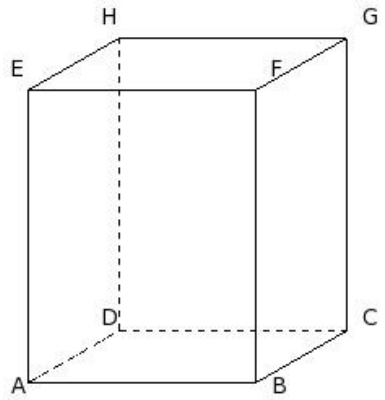
(i) 7.00 cm (ii) 5.00 cm (iii) 13.00 cm (iv) 15.00 cm (v) 10.00 cm

28. If the breadth, height and volume of a cuboid are 6.00 cm, 16.00 cm and 1248.00 cu.cm respectively, its L.S.A is



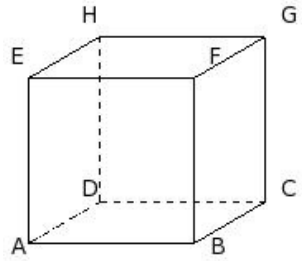
(i) 585.00 sq.cm (ii) 591.00 sq.cm (iii) 608.00 sq.cm (iv) 626.00 sq.cm

29. If the breadth, height and volume of a cuboid are 13.00 cm, 18.00 cm and 3276.00 cu.cm respectively, its T.S.A is



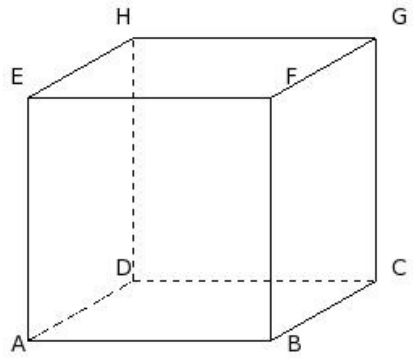
(i) 1206.00 sq.cm (ii) 1496.00 sq.cm (iii) 1506.00 sq.cm (iv) 1336.00 sq.cm (v) 1156.00 sq.cm

30. If the side of a cube is 10.00 cm, its L.S.A is



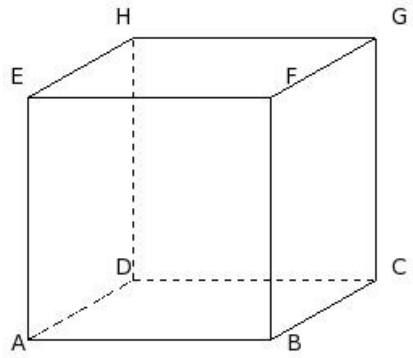
(i) 413.00 sq.cm (ii) 377.00 sq.cm (iii) 412.00 sq.cm (iv) 398.00 sq.cm (v) 400.00 sq.cm

31. If the side of a cube is 15.00 cm, its T.S.A is



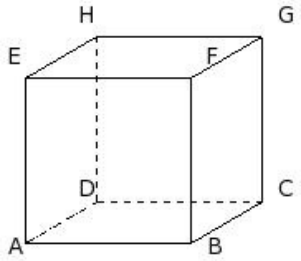
(i) 1350.00 sq.cm (ii) 1320.00 sq.cm (iii) 1480.00 sq.cm (iv) 1610.00 sq.cm (v) 1070.00 sq.cm

32. If the side of a cube is 15.00 cm, its volume is



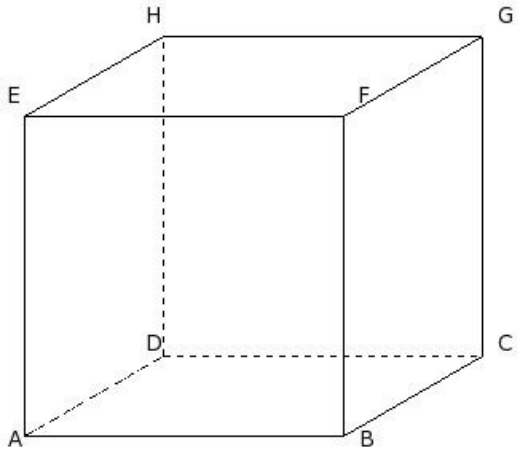
(i) 3405.00 cu.cm (ii) 3375.00 cu.cm (iii) 3495.00 cu.cm (iv) 3315.00 cu.cm (v) 3235.00 cu.cm

33. If the L.S.A of a cube is 400.00 sq.cm, its side is



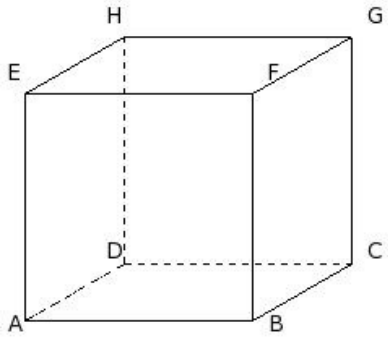
(i) 10.00 cm (ii) 7.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 5.00 cm

34. If the L.S.A of a cube is 1600.00 sq.cm, its T.S.A is



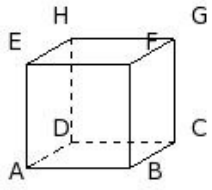
(i) 2550.00 sq.cm (ii) 2400.00 sq.cm (iii) 2230.00 sq.cm (iv) 2440.00 sq.cm

35. If the L.S.A of a cube is 784.00 sq.cm, its volume is



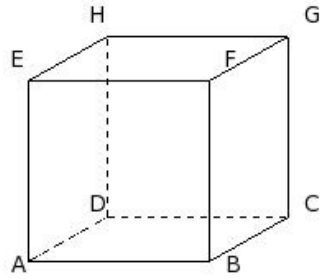
(i) 2744.00 cu.cm (ii) 2874.00 cu.cm (iii) 2584.00 cu.cm (iv) 2524.00 cu.cm (v) 2794.00 cu.cm

36. If the T.S.A of a cube is 216.00 sq.cm, its side is



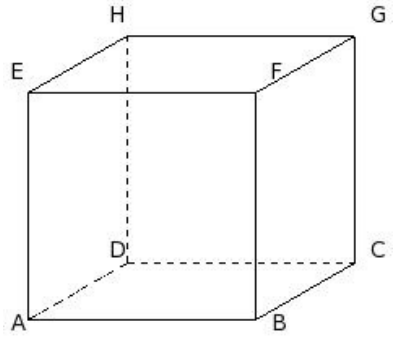
(i) 4.00 cm (ii) 5.00 cm (iii) 6.00 cm (iv) 7.00 cm (v) 8.00 cm

37. If the T.S.A of a cube is 726.00 sq.cm, its L.S.A is



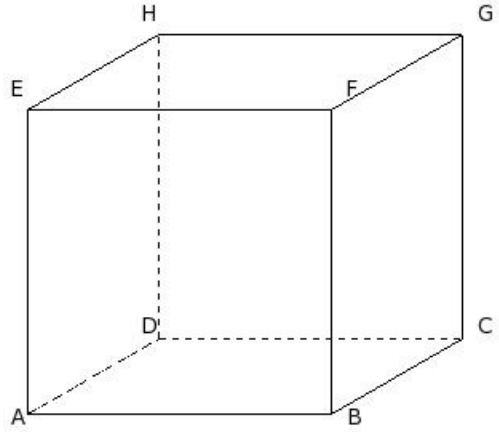
(i) 484.00 sq.cm (ii) 500.00 sq.cm (iii) 497.00 sq.cm (iv) 472.00 sq.cm (v) 468.00 sq.cm

38. If the T.S.A of a cube is 1176.00 sq.cm, its volume is



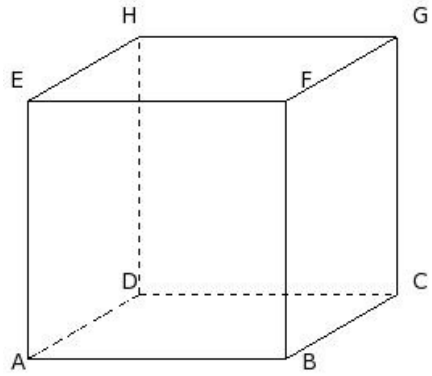
(i) 2894.00 cu.cm (ii) 2624.00 cu.cm (iii) 2514.00 cu.cm (iv) 2914.00 cu.cm (v) 2744.00 cu.cm

39. If the volume of a cube is 6859.00 cu.cm, its side is



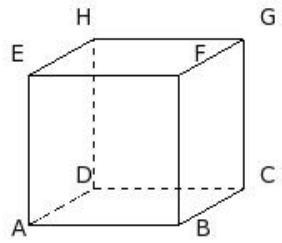
(i) 14.00 cm (ii) 24.00 cm (iii) 19.00 cm (iv) 22.00 cm (v) 16.00 cm

40. If the volume of a cube is 4096.00 cu.cm, its L.S.A is



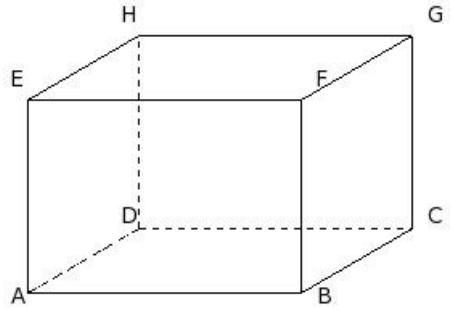
(i) 1204.00 sq.cm (ii) 1024.00 sq.cm (iii) 1244.00 sq.cm (iv) 984.00 sq.cm (v) 854.00 sq.cm

41. If the volume of a cube is 729.00 cu.cm, its T.S.A is



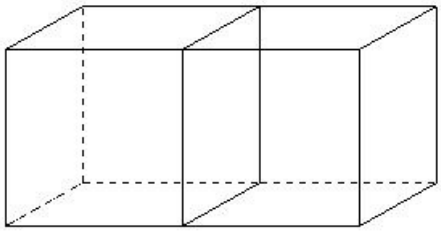
(i) 486.00 sq.cm (ii) 462.00 sq.cm (iii) 488.00 sq.cm (iv) 503.00 sq.cm (v) 474.00 sq.cm

42. If the length, height and T.S.A of a cuboid are 17.00 cm, 12.00 cm and 1336.00 sq.cm respectively, its volume is



(i) 3124.00 cu.cm (ii) 3264.00 cu.cm (iii) 3414.00 cu.cm (iv) 3544.00 cu.cm

43. Two cubes each of volume 1331.00 cu.cm are joined end to end . Find the surface area of the resulting cuboid.



(i) 1350.00 sq.cm (ii) 1190.00 sq.cm (iii) 1380.00 sq.cm (iv) 940.00 sq.cm (v) 1210.00 sq.cm

44. Water in a canal, 7 m wide and 2 m deep is flowing with a speed of 11 kmph . How much area will it irrigate in 60 min, if 5 cm of standing water is needed ?

(i) 2930000.00 sq.m (ii) 3080000.00 sq.m (iii) 2920000.00 sq.m (iv) 3200000.00 sq.m

Assignment Key

1) (ii)	2) (ii)	3) (i)	4) (i)	5) (iv)	6) (i)
7) (i)	8) (v)	9) (ii)	10) (iii)	11) (ii)	12) (v)
13) (i)	14) (v)	15) (iv)	16) (ii)	17) (i)	18) (v)
19) (i)	20) (iv)	21) (v)	22) (iv)	23) (iii)	24) (iv)
25) (iv)	26) (ii)	27) (v)	28) (iii)	29) (iv)	30) (v)
31) (i)	32) (ii)	33) (i)	34) (ii)	35) (i)	36) (iii)
37) (i)	38) (v)	39) (iii)	40) (ii)	41) (i)	42) (ii)
43) (v)	44) (ii)				