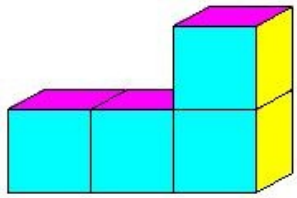
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Surface Areas and Volumes (Cube - Cuboid)

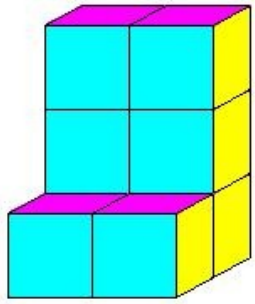
Grade : SSC Grade VIII

1. Find the volume of the given object if each individual cube is 1 cu.cm



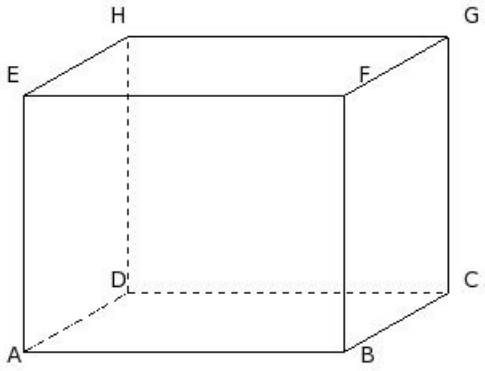
(i) 2 cu.cm (ii) 6 cu.cm (iii) 3 cu.cm (iv) 5 cu.cm (v) 4 cu.cm

2. Find the volume of the given object if each individual cube is 1 cu.cm



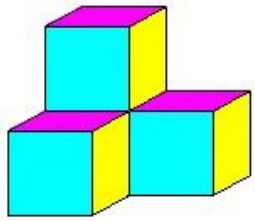
(i) 10 cu.cm (ii) 7 cu.cm (iii) 6 cu.cm (iv) 8 cu.cm (v) 9 cu.cm

3. If the length, height and volume of a cuboid are 20.00 cm, 16.00 cm and 4800.00 cu.cm respectively, its L.S.A is



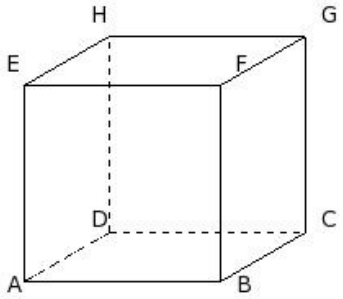
(i) 840.00 sq.cm (ii) 1120.00 sq.cm (iii) 1200.00 sq.cm (iv) 960.00 sq.cm (v) 1360.00 sq.cm

4. Find the volume of the given object if each individual cube is 1 cu.cm



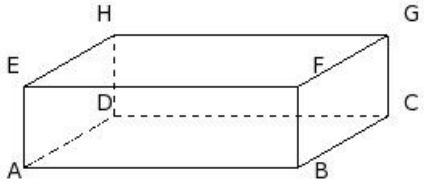
(i) 5 cu.cm (ii) 4 cu.cm (iii) 3 cu.cm (iv) 6 cu.cm (v) 2 cu.cm

5. If the T.S.A of a cube is 864.00 sq.cm, its L.S.A is



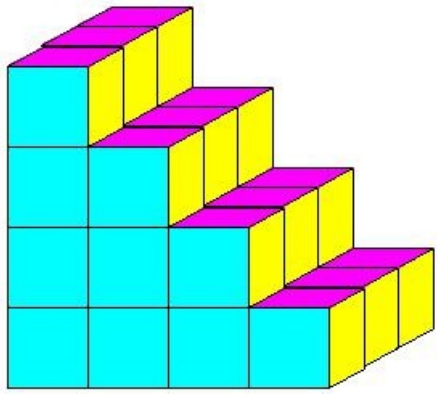
(i) 562.00 sq.cm (ii) 576.00 sq.cm (iii) 603.00 sq.cm (iv) 594.00 sq.cm (v) 568.00 sq.cm

6. If the length, height and L.S.A of a cuboid are 17.00 cm, 5.00 cm and 300.00 sq.cm respectively, its breadth is



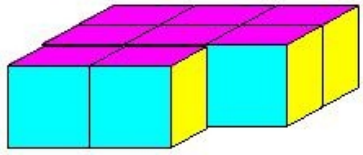
(i) 10.00 cm (ii) 13.00 cm (iii) 8.00 cm (iv) 18.00 cm (v) 16.00 cm

7. Find the volume of the given object if each individual cube is 1 cu.cm



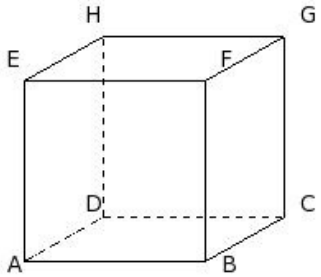
(i) 31 cu.cm (ii) 32 cu.cm (iii) 28 cu.cm (iv) 30 cu.cm (v) 29 cu.cm

8. Find the volume of the given object if each individual cube is 1 cu.cm



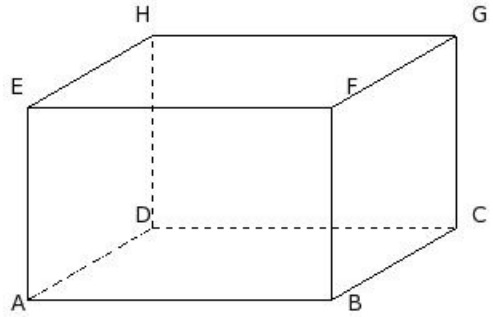
(i) 8 cu.cm (ii) 7 cu.cm (iii) 6 cu.cm (iv) 9 cu.cm (v) 10 cu.cm

9. If the volume of a cube is 1331.00 cu.cm, its T.S.A is



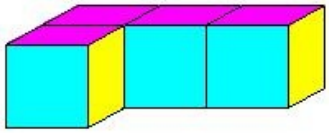
(i) 741.00 sq.cm (ii) 726.00 sq.cm (iii) 709.00 sq.cm (iv) 754.00 sq.cm (v) 712.00 sq.cm

10. If the breadth, height and L.S.A of a cuboid are 18.00 cm, 12.00 cm and 888.00 sq.cm respectively, its T.S.A is



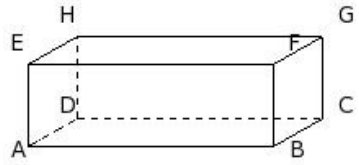
(i) 1572.00 sq.cm (ii) 1632.00 sq.cm (iii) 1302.00 sq.cm (iv) 1422.00 sq.cm (v) 1832.00 sq.cm

11. Find the volume of the given object if each individual cube is 1 cu.cm



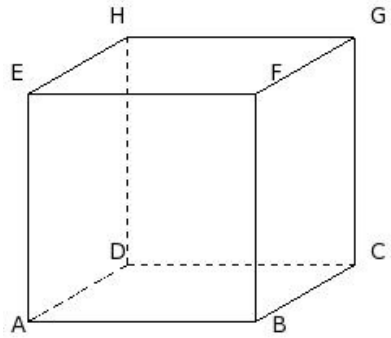
(i) 3 cu.cm (ii) 4 cu.cm (iii) 2 cu.cm (iv) 5 cu.cm (v) 6 cu.cm

12. If the breadth, height and volume of a cuboid are 7.00 cm, 5.00 cm and 525.00 cu.cm respectively, its T.S.A is



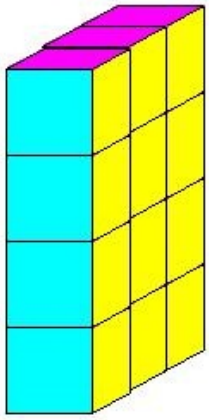
(i) 448.00 sq.cm (ii) 405.00 sq.cm (iii) 443.00 sq.cm (iv) 413.00 sq.cm (v) 430.00 sq.cm

13. If the side of a cube is 14.00 cm, its T.S.A is



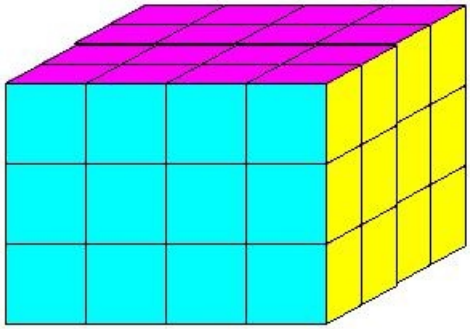
(i) 1156.00 sq.cm (ii) 1176.00 sq.cm (iii) 1206.00 sq.cm (iv) 1396.00 sq.cm (v) 1006.00 sq.cm

14. Find the volume of the given object if each individual cube is 1 cu.cm



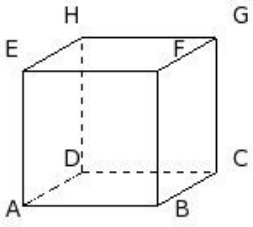
(i) 10 cu.cm (ii) 11 cu.cm (iii) 14 cu.cm (iv) 12 cu.cm (v) 13 cu.cm

15. Find the volume of the given object if each individual cube is 1 cu.cm



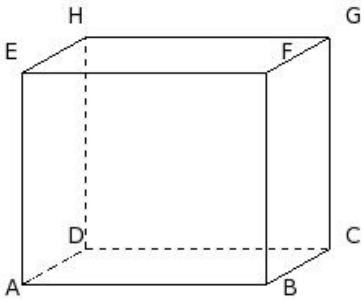
(i) 46 cu.cm (ii) 48 cu.cm (iii) 49 cu.cm (iv) 47 cu.cm (v) 50 cu.cm

16. If the L.S.A of a cube is 256.00 sq.cm, its T.S.A is



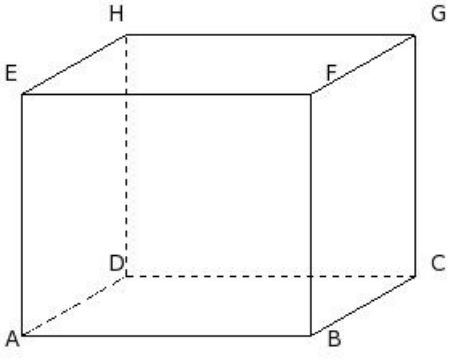
(i) 356.00 sq.cm (ii) 384.00 sq.cm (iii) 380.00 sq.cm (iv) 396.00 sq.cm (v) 407.00 sq.cm

17. If the length, height and volume of a cuboid are 15.00 cm, 13.00 cm and 1755.00 cu.cm respectively, its T.S.A is



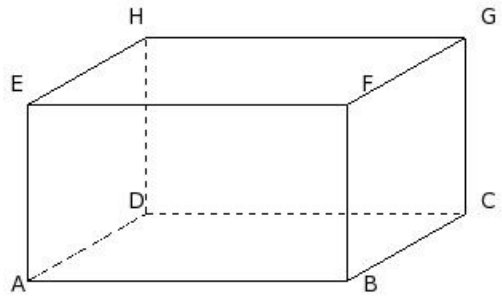
(i) 877.00 sq.cm (ii) 901.00 sq.cm (iii) 916.00 sq.cm (iv) 866.00 sq.cm (v) 894.00 sq.cm

18. If the breadth, height and L.S.A of a cuboid are 15.00 cm, 15.00 cm and 990.00 sq.cm respectively, its length is



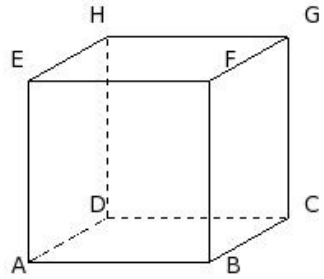
(i) 23.00 cm (ii) 13.00 cm (iii) 15.00 cm (iv) 18.00 cm (v) 21.00 cm

19. If the length, breadth and T.S.A of a cuboid are 20.00 cm, 17.00 cm and 1494.00 sq.cm respectively, its L.S.A is



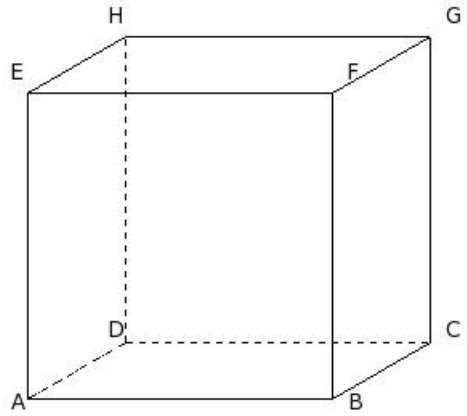
(i) 814.00 sq.cm (ii) 831.00 sq.cm (iii) 796.00 sq.cm

20. If the T.S.A of a cube is 726.00 sq.cm, its volume is



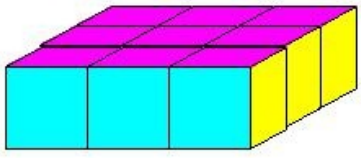
(i) 1331.00 cu.cm (ii) 1511.00 cu.cm (iii) 1181.00 cu.cm (iv) 1271.00 cu.cm (v) 1491.00 cu.cm

21. If the length, breadth and L.S.A of a cuboid are 19.00 cm, 14.00 cm and 1254.00 sq.cm respectively, its volume is



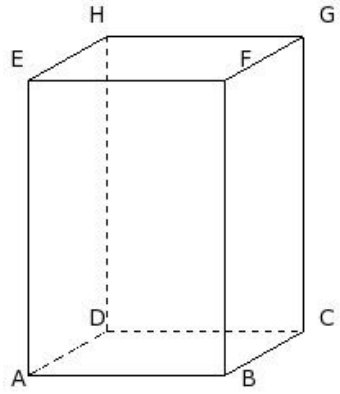
(i) 5294.00 cu.cm (ii) 5174.00 cu.cm (iii) 4804.00 cu.cm (iv) 5054.00 cu.cm (v) 4984.00 cu.cm

22. Find the volume of the given object if each individual cube is 1 cu.cm



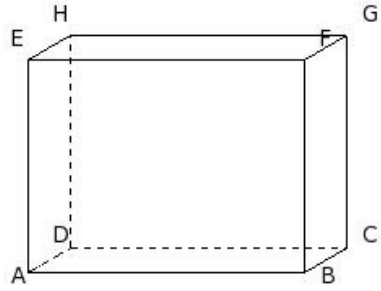
(i) 7 cu.cm (ii) 11 cu.cm (iii) 10 cu.cm (iv) 9 cu.cm (v) 8 cu.cm

23. If the length, breadth and height of a cuboid are 12.00 cm, 11.00 cm and 18.00 cm respectively, its volume is



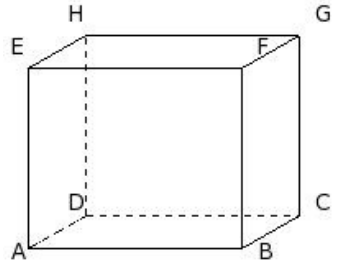
(i) 2376.00 cu.cm (ii) 2536.00 cu.cm (iii) 2246.00 cu.cm (iv) 2616.00 cu.cm

24. If the breadth, height and L.S.A of a cuboid are 6.00 cm, 13.00 cm and 598.00 sq.cm respectively, its volume is



(i) 1326.00 cu.cm (ii) 1576.00 cu.cm (iii) 1356.00 cu.cm (iv) 1246.00 cu.cm (v) 1206.00 cu.cm

25. If the length, breadth and L.S.A of a cuboid are 13.00 cm, 8.00 cm and 462.00 sq.cm respectively, its T.S.A is



(i) 654.00 sq.cm (ii) 643.00 sq.cm (iii) 676.00 sq.cm (iv) 670.00 sq.cm (v) 692.00 sq.cm

Assignment Key

1) (v)	2) (iv)	3) (ii)	4) (ii)	5) (ii)	6) (ii)
7) (iv)	8) (i)	9) (ii)	10) (i)	11) (ii)	12) (v)
13) (ii)	14) (iv)	15) (ii)	16) (ii)	17) (v)	18) (iv)
19) (i)	20) (i)	21) (iv)	22) (iv)	23) (i)	24) (i)
25) (iv)					