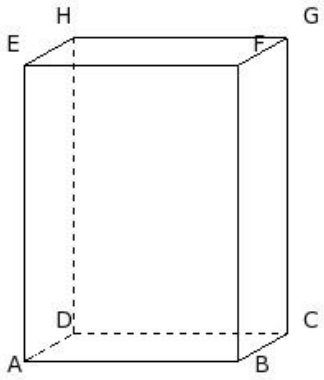
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Surface Areas and Volumes (Cube - Cuboid)

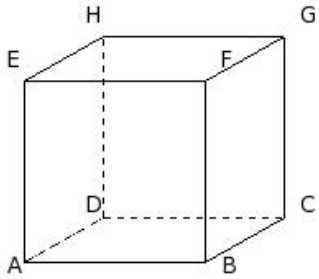
Grade : SSC Grade VIII

1. If the length, breadth and T.S.A of a cuboid are 13.00 cm, 7.00 cm and 902.00 sq.cm respectively, its height is



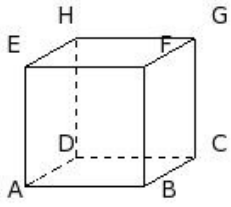
(i) 15.00 cm (ii) 18.00 cm (iii) 13.00 cm (iv) 21.00 cm (v) 23.00 cm

2. If the L.S.A of a cube is 484.00 sq.cm, its side is



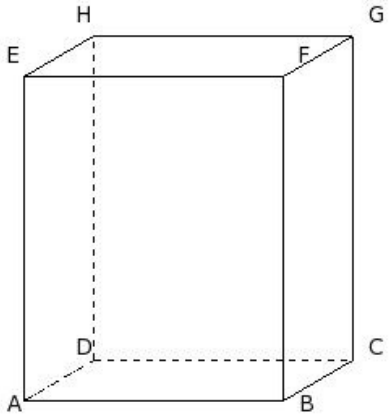
(i) 11.00 cm (ii) 6.00 cm (iii) 14.00 cm (iv) 8.00 cm (v) 16.00 cm

3. If the L.S.A of a cube is 196.00 sq.cm, its volume is



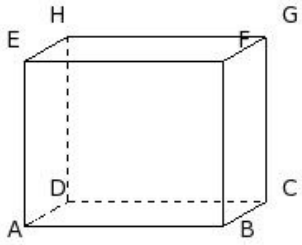
(i) 351.00 cu.cm (ii) 343.00 cu.cm (iii) 316.00 cu.cm (iv) 371.00 cu.cm (v) 339.00 cu.cm

4. If the breadth, height and L.S.A of a cuboid are 10.00 cm, 20.00 cm and 1040.00 sq.cm respectively, its T.S.A is



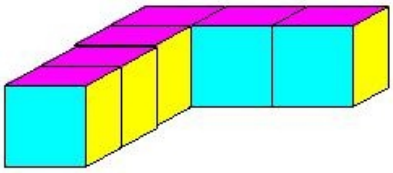
(i) 1500.00 sq.cm (ii) 1200.00 sq.cm (iii) 1580.00 sq.cm (iv) 1210.00 sq.cm (v) 1360.00 sq.cm

5. If the length, height and T.S.A of a cuboid are 12.00 cm, 10.00 cm and 504.00 sq.cm respectively, its breadth is



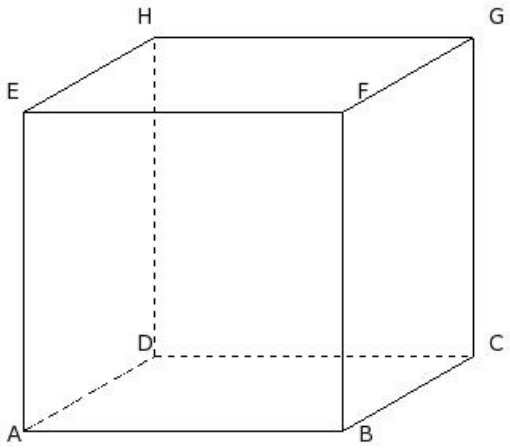
(i) 8.00 cm (ii) 5.00 cm (iii) 7.00 cm (iv) 4.00 cm (v) 6.00 cm

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



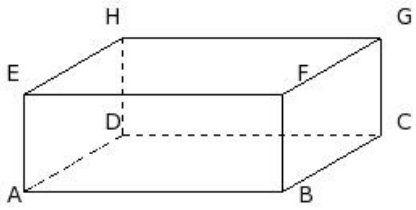
(i) 4 cu.cm (ii) 8 cu.cm (iii) 5 cu.cm (iv) 6 cu.cm (v) 7 cu.cm

7. If the length, height and volume of a cuboid are 20.00 cm, 20.00 cm and 7600.00 cu.cm respectively, its breadth is



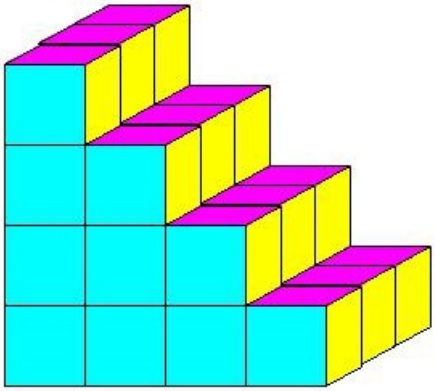
(i) 19.00 cm (ii) 24.00 cm (iii) 14.00 cm (iv) 22.00 cm (v) 16.00 cm

8. If the breadth, height and volume of a cuboid are 14.00 cm, 6.00 cm and 1344.00 cu.cm respectively, its T.S.A is



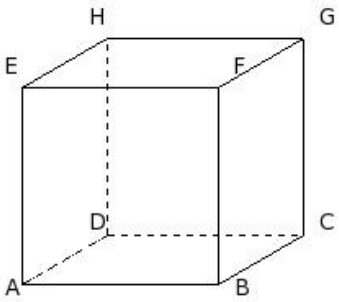
(i) 804.00 sq.cm (ii) 808.00 sq.cm (iii) 816.00 sq.cm (iv) 791.00 sq.cm (v) 823.00 sq.cm

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



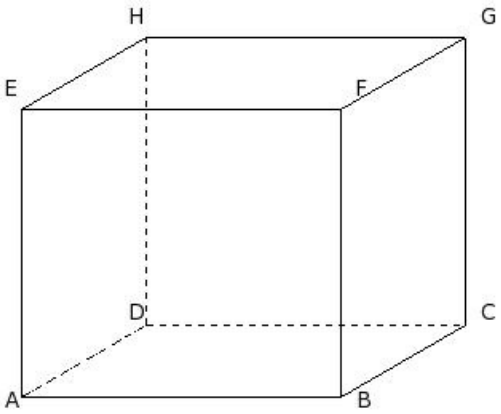
(i) 28 cu.cm (ii) 29 cu.cm (iii) 30 cu.cm (iv) 32 cu.cm (v) 31 cu.cm

10. If the volume of a cube is 1728.00 cu.cm, its T.S.A is



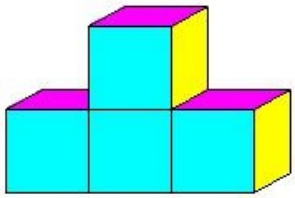
(i) 868.00 sq.cm (ii) 837.00 sq.cm (iii) 864.00 sq.cm (iv) 850.00 sq.cm (v) 879.00 sq.cm

11. If the length, breadth and volume of a cuboid are 20.00 cm, 18.00 cm and 6480.00 cu.cm respectively, its height is



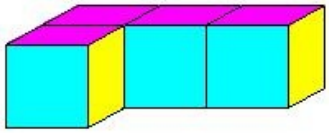
(i) 13.00 cm (ii) 18.00 cm (iii) 15.00 cm (iv) 21.00 cm (v) 23.00 cm

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



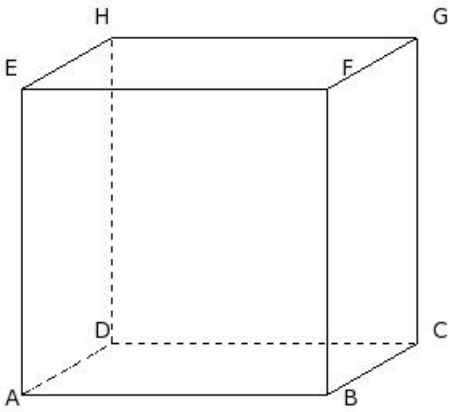
(i) 2 cu.cm (ii) 5 cu.cm (iii) 6 cu.cm (iv) 4 cu.cm (v) 3 cu.cm

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



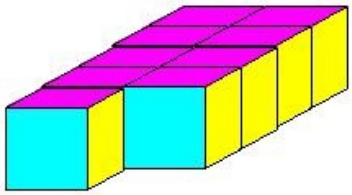
(i) 2 cu.cm (ii) 4 cu.cm (iii) 3 cu.cm (iv) 5 cu.cm (v) 6 cu.cm

14. If the length, breadth and height of a cuboid are 19.00 cm, 13.00 cm and 19.00 cm respectively, its L.S.A is



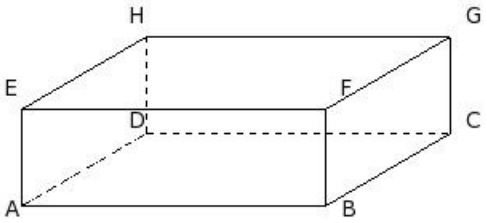
(i) 1216.00 sq.cm (ii) 1396.00 sq.cm (iii) 1066.00 sq.cm (iv) 1356.00 sq.cm (v) 1086.00 sq.cm

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



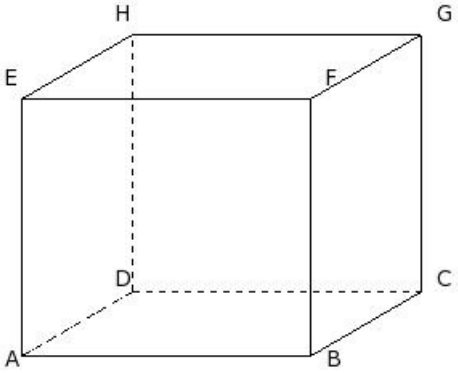
(i) 11 cu.cm (ii) 7 cu.cm (iii) 9 cu.cm (iv) 8 cu.cm (v) 10 cu.cm

16. If the breadth, height and volume of a cuboid are 18.00 cm, 6.00 cm and 2052.00 cu.cm respectively, its length is



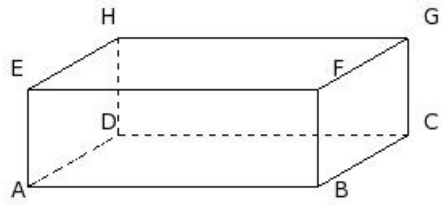
(i) 22.00 cm (ii) 14.00 cm (iii) 16.00 cm (iv) 24.00 cm (v) 19.00 cm

17. If the breadth, height and T.S.A of a cuboid are 16.00 cm, 16.00 cm and 1664.00 sq.cm respectively, its length is



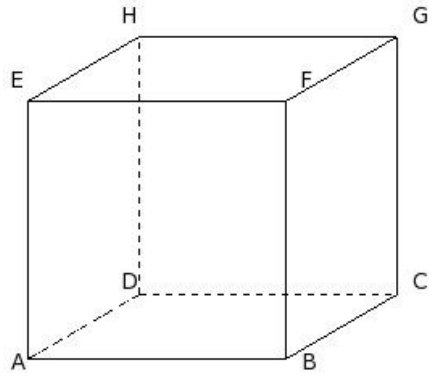
(i) 18.00 cm (ii) 15.00 cm (iii) 23.00 cm (iv) 21.00 cm (v) 13.00 cm

18. If the breadth, height and L.S.A of a cuboid are 13.00 cm, 6.00 cm and 372.00 sq.cm respectively, its volume is



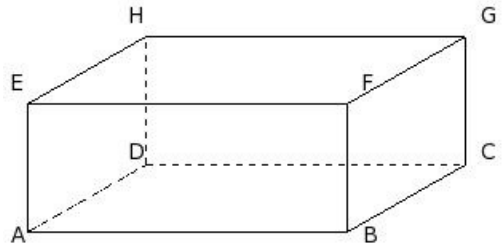
(i) 1444.00 cu.cm (ii) 1384.00 cu.cm (iii) 1254.00 cu.cm (iv) 1674.00 cu.cm (v) 1404.00 cu.cm

19. If the volume of a cube is 4096.00 cu.cm, its side is



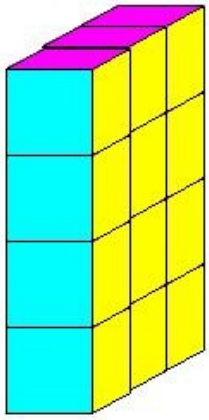
(i) 19.00 cm (ii) 21.00 cm (iii) 11.00 cm (iv) 16.00 cm (v) 13.00 cm

20. If the length, breadth and T.S.A of a cuboid are 20.00 cm, 17.00 cm and 1272.00 sq.cm respectively, its volume is



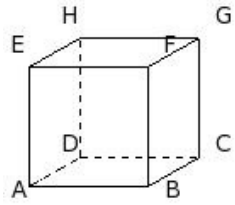
(i) 2880.00 cu.cm (ii) 2720.00 cu.cm (iii) 2640.00 cu.cm (iv) 2600.00 cu.cm (v) 2870.00 cu.cm

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



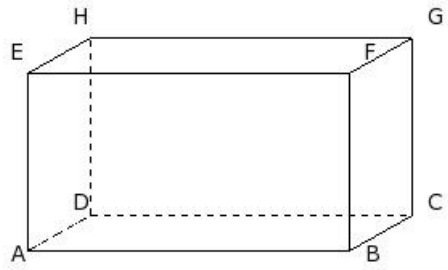
(i) 12 cu.cm (ii) 11 cu.cm (iii) 13 cu.cm (iv) 14 cu.cm (v) 10 cu.cm

22. If the T.S.A of a cube is 294.00 sq.cm, its L.S.A is



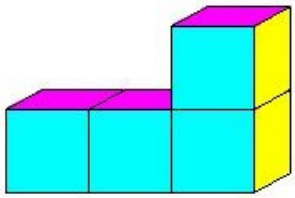
(i) 204.00 sq.cm (ii) 210.00 sq.cm (iii) 196.00 sq.cm (iv) 172.00 sq.cm (v) 178.00 sq.cm

23. If the length, height and L.S.A of a cuboid are 20.00 cm, 11.00 cm and 638.00 sq.cm respectively, its volume is



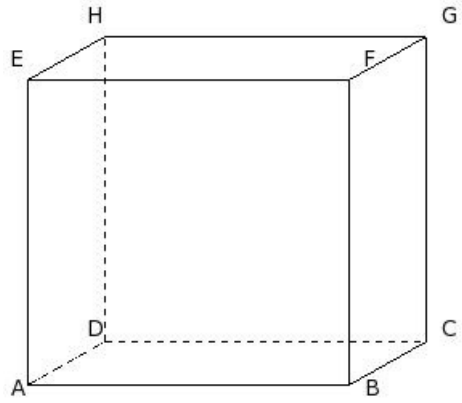
(i) 1850.00 cu.cm (ii) 1760.00 cu.cm (iii) 2150.00 cu.cm (iv) 2240.00 cu.cm (v) 1980.00 cu.cm

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



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

25. If the length, height and T.S.A of a cuboid are 20.00 cm, 19.00 cm and 1618.00 sq.cm respectively, its volume is



(i) 3960.00 cu.cm (ii) 4020.00 cu.cm (iii) 4300.00 cu.cm (iv) 4250.00 cu.cm (v) 4180.00 cu.cm

Assignment Key

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