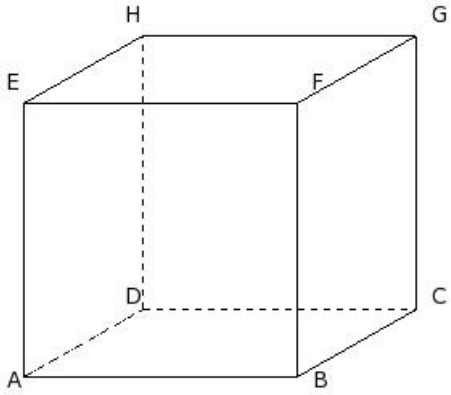
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Volume and Surface Area of Solids

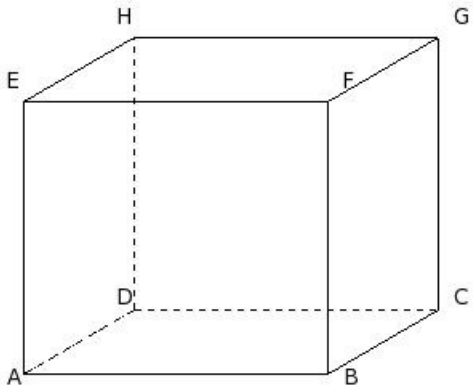
Grade : ICSE Grade VI

1. If the L.S.A of a cube is 1156.00 sq.cm, its volume is



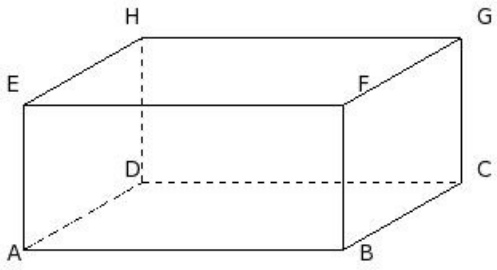
(i) 4913.00 cu.cm (ii) 4783.00 cu.cm (iii) 5153.00 cu.cm (iv) 5033.00 cu.cm (v) 4653.00 cu.cm

2. If the length, breadth and L.S.A of a cuboid are 19.00 cm, 16.00 cm and 1190.00 sq.cm respectively, its height is



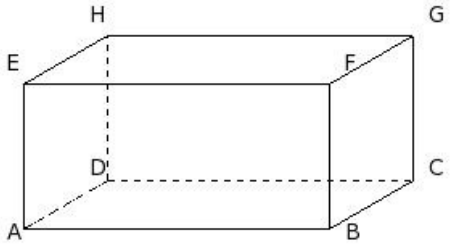
(i) 14.00 cm (ii) 12.00 cm (iii) 20.00 cm (iv) 22.00 cm (v) 17.00 cm

3. If the breadth, height and L.S.A of a cuboid are 17.00 cm, 9.00 cm and 666.00 sq.cm respectively, its T.S.A is



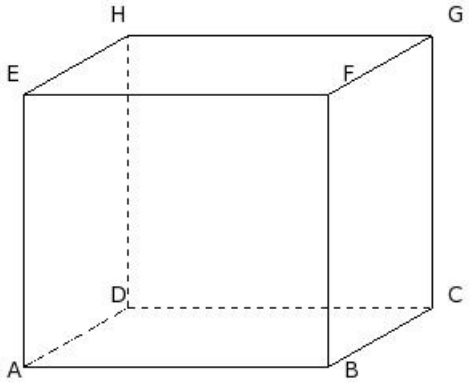
(i) 1466.00 sq.cm (ii) 1486.00 sq.cm (iii) 1166.00 sq.cm (iv) 1346.00 sq.cm (v) 1216.00 sq.cm

4. If the length, breadth and height of a cuboid are 19.00 cm, 12.00 cm and 9.00 cm respectively, its volume is



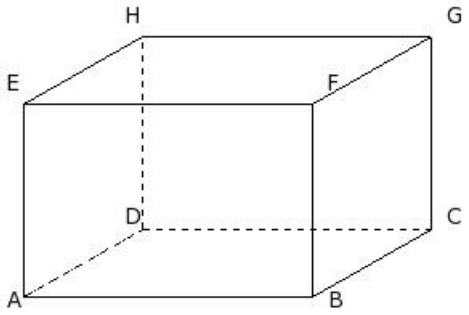
(i) 1972.00 cu.cm (ii) 2212.00 cu.cm (iii) 2052.00 cu.cm (iv) 1782.00 cu.cm (v) 2202.00 cu.cm

5. If the length, height and L.S.A of a cuboid are 19.00 cm, 17.00 cm and 1156.00 sq.cm respectively, its T.S.A is



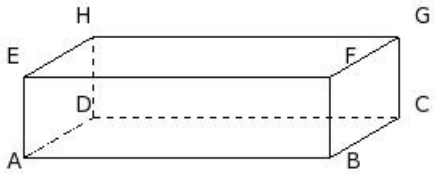
(i) 1586.00 sq.cm (ii) 1956.00 sq.cm (iii) 1726.00 sq.cm (iv) 1706.00 sq.cm (v) 1896.00 sq.cm

6. If the breadth, height and L.S.A of a cuboid are 17.00 cm, 12.00 cm and 840.00 sq.cm respectively, its length is



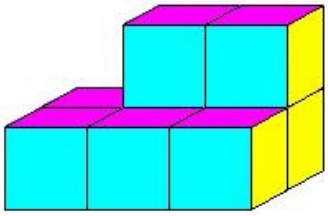
(i) 13.00 cm (ii) 23.00 cm (iii) 18.00 cm (iv) 15.00 cm (v) 21.00 cm

7. If the breadth, height and T.S.A of a cuboid are 10.00 cm, 5.00 cm and 670.00 sq.cm respectively, its length is



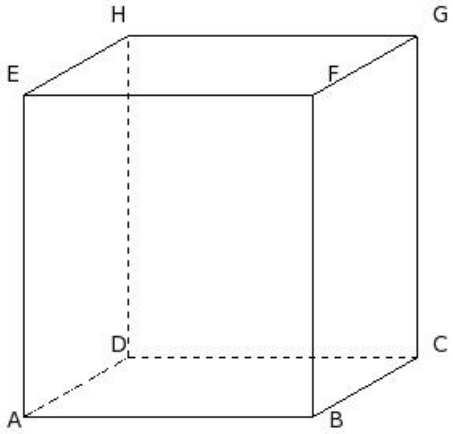
(i) 14.00 cm (ii) 24.00 cm (iii) 19.00 cm (iv) 22.00 cm (v) 16.00 cm

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



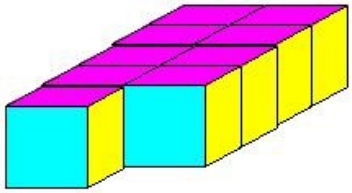
(i) 10 cu.cm (ii) 7 cu.cm (iii) 8 cu.cm (iv) 9 cu.cm (v) 6 cu.cm

9. If the length, height and L.S.A of a cuboid are 18.00 cm, 20.00 cm and 1320.00 sq.cm respectively, its breadth is



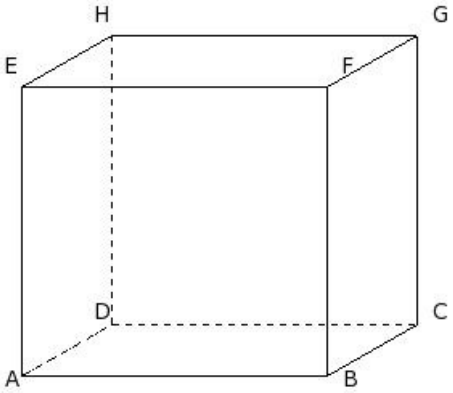
(i) 15.00 cm (ii) 12.00 cm (iii) 18.00 cm (iv) 10.00 cm (v) 20.00 cm

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



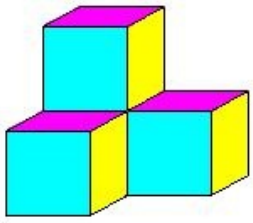
(i) 9 cu.cm (ii) 10 cu.cm (iii) 11 cu.cm (iv) 7 cu.cm (v) 8 cu.cm

11. If the length, breadth and T.S.A of a cuboid are 19.00 cm, 13.00 cm and 1646.00 sq.cm respectively, its L.S.A is



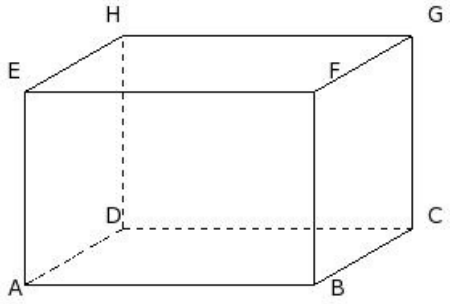
(i) 932.00 sq.cm (ii) 1112.00 sq.cm (iii) 1272.00 sq.cm (iv) 1302.00 sq.cm (v) 1152.00 sq.cm

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



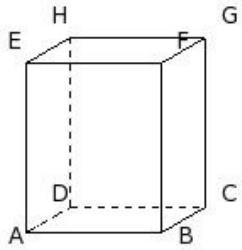
(i) 2 cu.cm (ii) 4 cu.cm (iii) 6 cu.cm (iv) 3 cu.cm (v) 5 cu.cm

13. If the length, breadth and height of a cuboid are 18.00 cm, 14.00 cm and 12.00 cm respectively, its L.S.A is



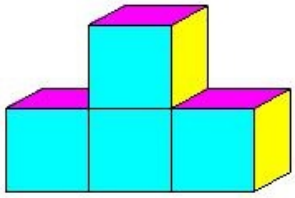
(i) 791.00 sq.cm (ii) 768.00 sq.cm (iii) 762.00 sq.cm (iv) 785.00 sq.cm (v) 754.00 sq.cm

14. If the breadth, height and volume of a cuboid are 6.00 cm, 10.00 cm and 480.00 cu.cm respectively, its length is



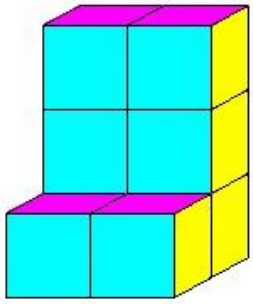
(i) 10.00 cm (ii) 6.00 cm (iii) 9.00 cm (iv) 8.00 cm (v) 7.00 cm

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



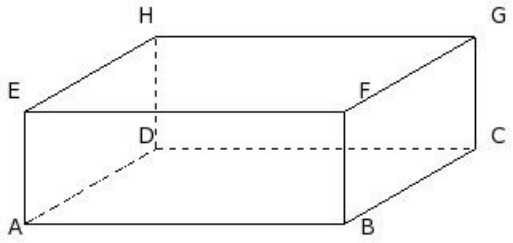
(i) 5 cu.cm (ii) 6 cu.cm (iii) 3 cu.cm (iv) 2 cu.cm (v) 4 cu.cm

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



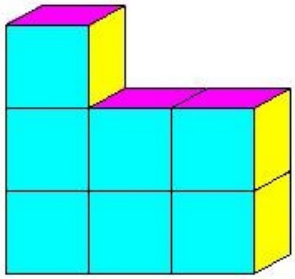
(i) 10 cu.cm (ii) 7 cu.cm (iii) 6 cu.cm (iv) 9 cu.cm (v) 8 cu.cm

17. If the breadth, height and volume of a cuboid are 19.00 cm, 7.00 cm and 2660.00 cu.cm respectively, its L.S.A is



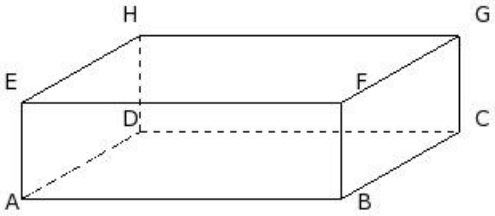
(i) 554.00 sq.cm (ii) 531.00 sq.cm (iii) 569.00 sq.cm (iv) 532.00 sq.cm (v) 546.00 sq.cm

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



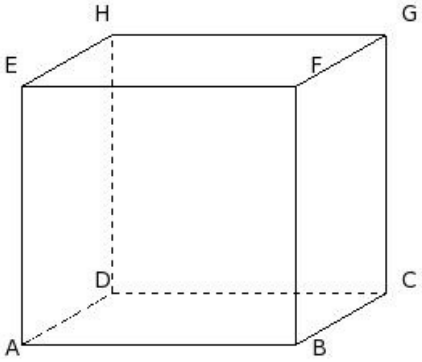
(i) 8 cu.cm (ii) 6 cu.cm (iii) 9 cu.cm (iv) 7 cu.cm (v) 5 cu.cm

19. If the length, breadth and height of a cuboid are 20.00 cm, 17.00 cm and 6.00 cm respectively, its T.S.A is



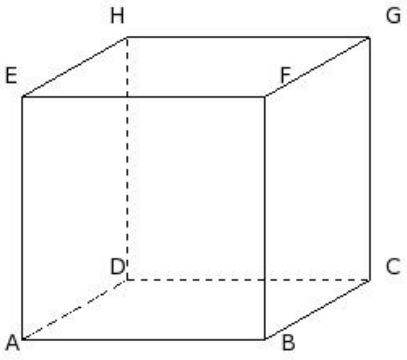
(i) 1304.00 sq.cm (ii) 854.00 sq.cm (iii) 1124.00 sq.cm (iv) 1084.00 sq.cm (v) 1294.00 sq.cm

20. If the length, height and T.S.A of a cuboid are 17.00 cm, 16.00 cm and 1402.00 sq.cm respectively, its breadth is



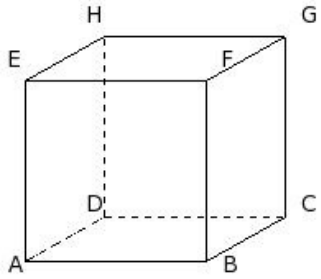
(i) 8.00 cm (ii) 16.00 cm (iii) 18.00 cm (iv) 13.00 cm (v) 10.00 cm

21. If the L.S.A of a cube is 900.00 sq.cm, its side is



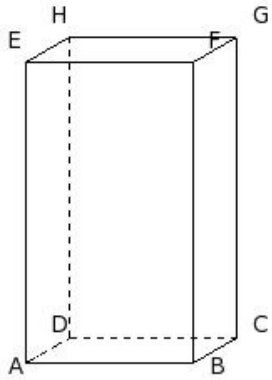
(i) 20.00 cm (ii) 18.00 cm (iii) 15.00 cm (iv) 10.00 cm (v) 12.00 cm

22. If the volume of a cube is 1331.00 cu.cm, its side is



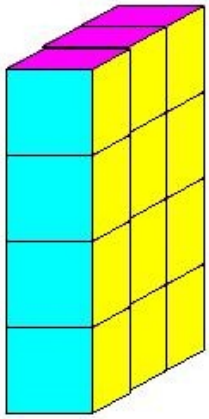
(i) 14.00 cm (ii) 16.00 cm (iii) 11.00 cm (iv) 6.00 cm (v) 8.00 cm

23. If the length, breadth and T.S.A of a cuboid are 10.00 cm, 6.00 cm and 696.00 sq.cm respectively, its height is



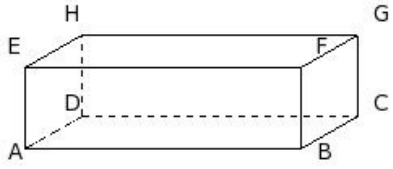
(i) 23.00 cm (ii) 15.00 cm (iii) 13.00 cm (iv) 18.00 cm (v) 21.00 cm

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



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

25. If the length, breadth and volume of a cuboid are 17.00 cm, 8.00 cm and 680.00 cu.cm respectively, its height is



(i) 7.00 cm (ii) 6.00 cm (iii) 4.00 cm (iv) 3.00 cm (v) 5.00 cm

Assignment Key

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