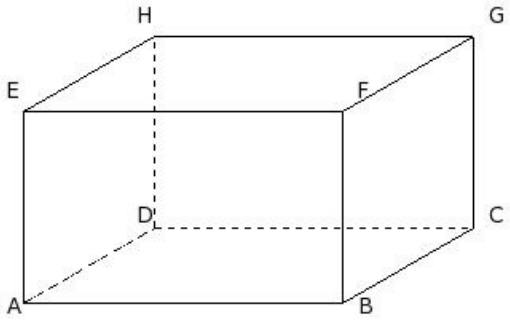
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Surface Areas and Volumes (Cube - Cuboid)

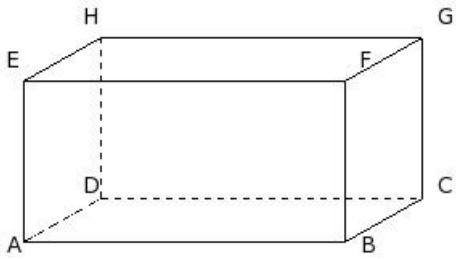
Grade : SSC Grade VIII

1. If the breadth, height and L.S.A of a cuboid are 19.00 cm, 12.00 cm and 936.00 sq.cm respectively, its T.S.A is



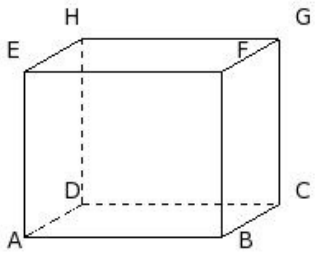
(i) 1926.00 sq.cm (ii) 1696.00 sq.cm (iii) 1846.00 sq.cm (iv) 1676.00 sq.cm (v) 1556.00 sq.cm

2. If the length, height and volume of a cuboid are 20.00 cm, 10.00 cm and 2200.00 cu.cm respectively, its breadth is



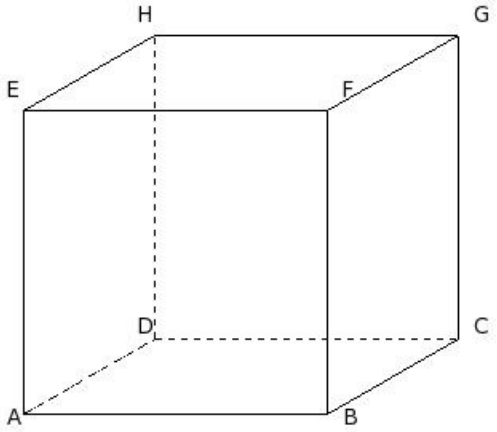
(i) 16.00 cm (ii) 6.00 cm (iii) 8.00 cm (iv) 11.00 cm (v) 14.00 cm

3. If the length, breadth and T.S.A of a cuboid are 12.00 cm, 8.00 cm and 592.00 sq.cm respectively, its L.S.A is



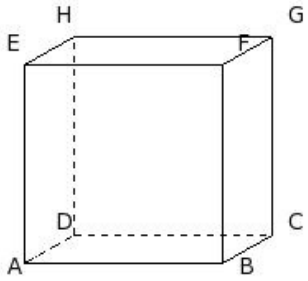
(i) 386.00 sq.cm (ii) 426.00 sq.cm (iii) 400.00 sq.cm (iv) 403.00 sq.cm (v) 372.00 sq.cm

4. If the T.S.A of a cube is 2166.00 sq.cm, its side is



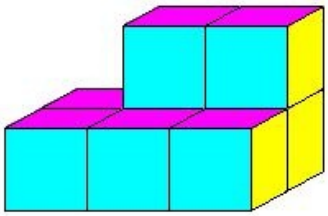
(i) 19.00 cm (ii) 24.00 cm (iii) 14.00 cm (iv) 16.00 cm (v) 22.00 cm

5. If the length, breadth and T.S.A of a cuboid are 12.00 cm, 7.00 cm and 624.00 sq.cm respectively, its height is



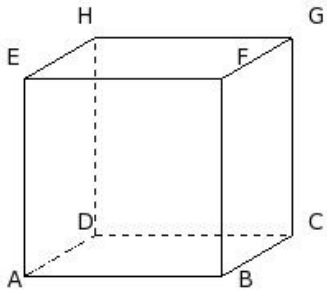
(i) 9.00 cm (ii) 15.00 cm (iii) 17.00 cm (iv) 7.00 cm (v) 12.00 cm

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



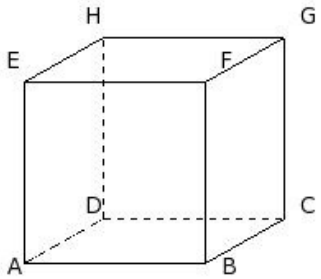
(i) 9 cu.cm (ii) 6 cu.cm (iii) 7 cu.cm (iv) 10 cu.cm (v) 8 cu.cm

7. If the length, height and L.S.A of a cuboid are 12.00 cm, 12.00 cm and 528.00 sq.cm respectively, its T.S.A is



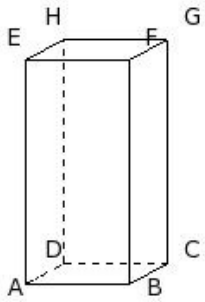
(i) 771.00 sq.cm (ii) 768.00 sq.cm (iii) 796.00 sq.cm (iv) 750.00 sq.cm (v) 755.00 sq.cm

8. If the L.S.A of a cube is 484.00 sq.cm, its volume is



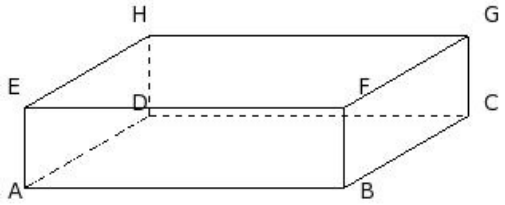
(i) 1071.00 cu.cm (ii) 1331.00 cu.cm (iii) 1381.00 cu.cm (iv) 1451.00 cu.cm (v) 1301.00 cu.cm

9. If the breadth, height and L.S.A of a cuboid are 5.00 cm, 13.00 cm and 286.00 sq.cm respectively, its length is



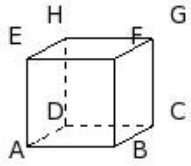
(i) 6.00 cm (ii) 8.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 4.00 cm

10. If the length, height and T.S.A of a cuboid are 20.00 cm, 5.00 cm and 1100.00 sq.cm respectively, its L.S.A is



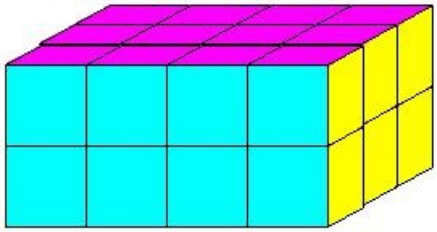
(i) 375.00 sq.cm (ii) 384.00 sq.cm (iii) 356.00 sq.cm (iv) 403.00 sq.cm (v) 380.00 sq.cm

11. If the side of a cube is 5.00 cm, its L.S.A is



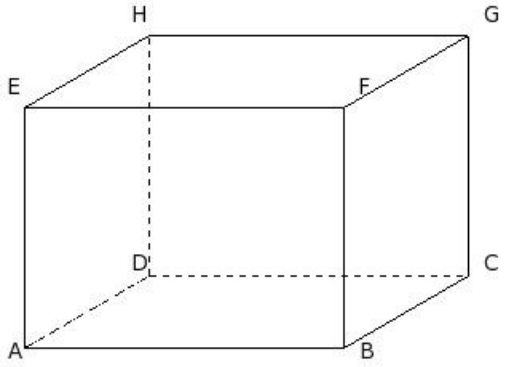
(i) 118.00 sq.cm (ii) 126.00 sq.cm (iii) 82.00 sq.cm (iv) 93.00 sq.cm (v) 100.00 sq.cm

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



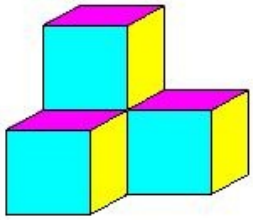
(i) 25 cu.cm (ii) 24 cu.cm (iii) 26 cu.cm (iv) 22 cu.cm (v) 23 cu.cm

13. If the length, breadth and T.S.A of a cuboid are 20.00 cm, 18.00 cm and 1860.00 sq.cm respectively, its volume is



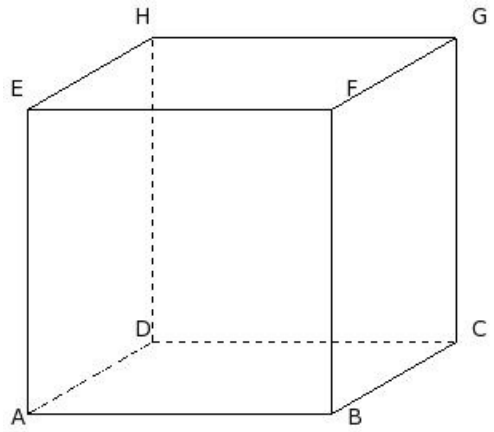
(i) 5400.00 cu.cm (ii) 5620.00 cu.cm (iii) 5330.00 cu.cm (iv) 5440.00 cu.cm (v) 5130.00 cu.cm

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



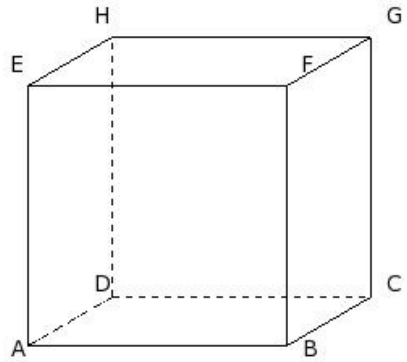
(i) 4 cu.cm (ii) 2 cu.cm (iii) 5 cu.cm (iv) 6 cu.cm (v) 3 cu.cm

15. If the breadth, height and volume of a cuboid are 18.00 cm, 19.00 cm and 6498.00 cu.cm respectively, its length is



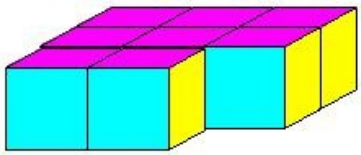
(i) 24.00 cm (ii) 16.00 cm (iii) 14.00 cm (iv) 22.00 cm (v) 19.00 cm

16. If the length, breadth and height of a cuboid are 16.00 cm, 12.00 cm and 16.00 cm respectively, its volume is



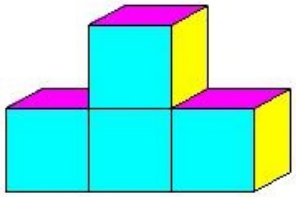
(i) 2932.00 cu.cm (ii) 3092.00 cu.cm (iii) 3242.00 cu.cm (iv) 3072.00 cu.cm

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



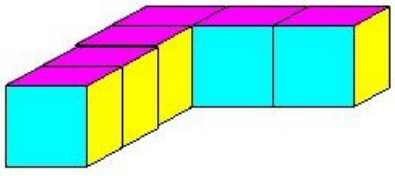
(i) 7 cu.cm (ii) 6 cu.cm (iii) 9 cu.cm (iv) 10 cu.cm (v) 8 cu.cm

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



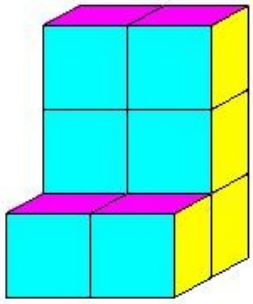
(i) 4 cu.cm (ii) 6 cu.cm (iii) 3 cu.cm (iv) 5 cu.cm (v) 2 cu.cm

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



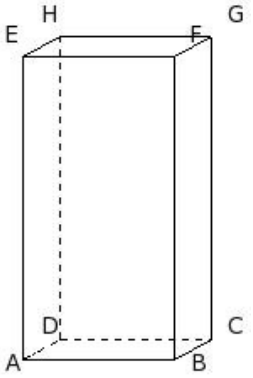
(i) 5 cu.cm (ii) 8 cu.cm (iii) 6 cu.cm (iv) 4 cu.cm (v) 7 cu.cm

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



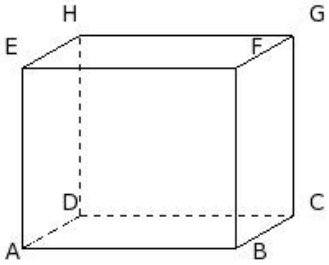
(i) 10 cu.cm (ii) 7 cu.cm (iii) 8 cu.cm (iv) 9 cu.cm (v) 6 cu.cm

21. If the breadth, height and T.S.A of a cuboid are 5.00 cm, 18.00 cm and 594.00 sq.cm respectively, its L.S.A is



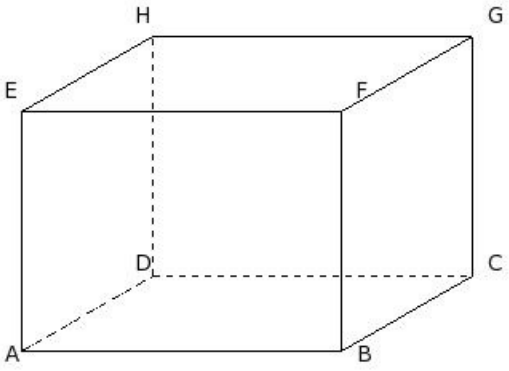
(i) 504.00 sq.cm (ii) 501.00 sq.cm (iii) 521.00 sq.cm (iv) 516.00 sq.cm (v) 479.00 sq.cm

22. If the breadth, height and volume of a cuboid are 8.00 cm, 11.00 cm and 1144.00 cu.cm respectively, its L.S.A is



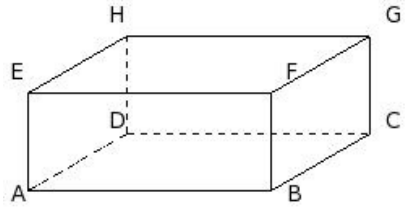
(i) 466.00 sq.cm (ii) 446.00 sq.cm (iii) 462.00 sq.cm (iv) 459.00 sq.cm (v) 477.00 sq.cm

23. If the length, height and L.S.A of a cuboid are 20.00 cm, 15.00 cm and 1170.00 sq.cm respectively, its breadth is



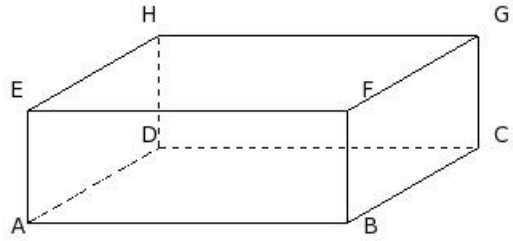
(i) 19.00 cm (ii) 22.00 cm (iii) 14.00 cm (iv) 24.00 cm (v) 16.00 cm

24. If the length, height and L.S.A of a cuboid are 15.00 cm, 6.00 cm and 348.00 sq.cm respectively, its volume is



(i) 1260.00 cu.cm (ii) 1200.00 cu.cm (iii) 1510.00 cu.cm (iv) 1130.00 cu.cm (v) 1280.00 cu.cm

25. If the length, breadth and height of a cuboid are 20.00 cm, 19.00 cm and 7.00 cm respectively, its T.S.A is



(i) 1576.00 sq.cm (ii) 1306.00 sq.cm (iii) 1466.00 sq.cm (iv) 1286.00 sq.cm (v) 1066.00 sq.cm

Assignment Key

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