

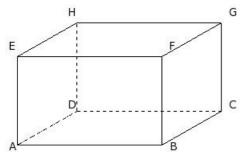
Name: Chapter Based Worksheet

Chapter: Volume and Surface Area of Solids

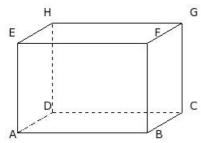
Grade: ICSE Grade VIII

License: Non Commercial Use

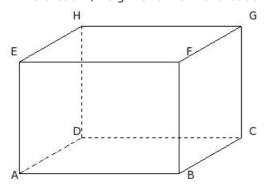
1. If the length, height and volume of a cuboid are 18.00 cm, 11.00 cm and 3366.00 cu.cm respectively, its L.S.A is



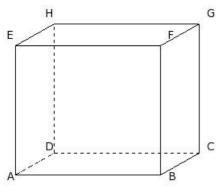
- (i) 792.00 sq.cm (ii) 770.00 sq.cm (iii) 758.00 sq.cm (iv) 777.00 sq.cm (v) 755.00 sq.cm
- 2. If the length, breadth and volume of a cuboid are 16.00 cm, 10.00 cm and 1760.00 cu.cm respectively, its T.S.A is



- (i) 869.00 sq.cm (ii) 894.00 sq.cm (iii) 910.00 sq.cm (iv) 892.00 sq.cm (v) 876.00 sq.cm
- 3. If the breadth, height and L.S.A of a cuboid are 18.00 cm, 14.00 cm and 1064.00 sq.cm respectively, its volume is

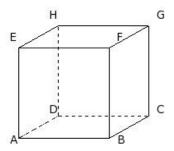


- (i) 4900.00 cu.cm (ii) 4790.00 cu.cm (iii) 5300.00 cu.cm (iv) 5040.00 cu.cm (v) 5070.00 cu.cm
- 4. If the length, breadth and L.S.A of a cuboid are 18.00 cm, 11.00 cm and 928.00 sq.cm respectively, its volume is

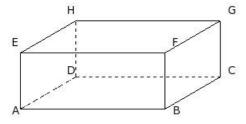


(i) 3168.00 cu.cm (ii) 3238.00 cu.cm (iii) 3298.00 cu.cm (iv) 3028.00 cu.cm (v) 3048.00 cu.cm

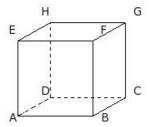
5. If the L.S.A of a cube is 484.00 sq.cm, its T.S.A is



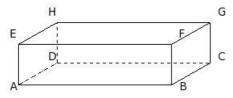
- (i) 726.00 sq.cm (ii) 729.00 sq.cm (iii) 750.00 sq.cm (iv) 709.00 sq.cm (v) 708.00 sq.cm
- 6. If the length, breadth and height of a cuboid are 18.00 cm, 16.00 cm and 7.00 cm respectively, its L.S.A is



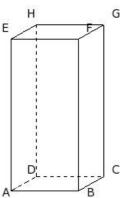
- (i) 492.00 sq.cm (ii) 449.00 sq.cm (iii) 476.00 sq.cm (iv) 491.00 sq.cm (v) 464.00 sq.cm
- 7. If the T.S.A of a cube is 486.00 sq.cm, its volume is



- (i) 726.00 cu.cm (ii) 707.00 cu.cm (iii) 729.00 cu.cm (iv) 754.00 cu.cm (v) 731.00 cu.cm
- 8. If the length, breadth and T.S.A of a cuboid are 19.00 cm, 11.00 cm and 718.00 sq.cm respectively, its height is

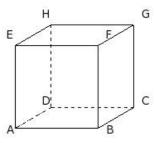


- (i) 5.00 cm (ii) 4.00 cm (iii) 7.00 cm (iv) 6.00 cm (v) 3.00 cm
- 9. If the breadth, height and L.S.A of a cuboid are 7.00 cm, 18.00 cm and 540.00 sq.cm respectively, its T.S.A is



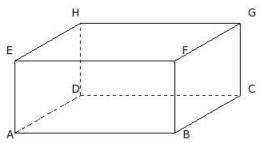
(i) 679.00 sq.cm (ii) 652.00 sq.cm (iii) 640.00 sq.cm (iv) 664.00 sq.cm (v) 636.00 sq.cm

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



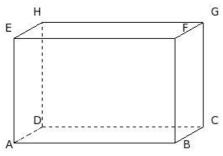
(i) 10.00 cm (ii) 7.00 cm (iii) 5.00 cm (iv) 15.00 cm (v) 13.00 cm

11. If the breadth, height and T.S.A of a cuboid are 19.00 cm, 9.00 cm and 1462.00 sq.cm respectively, its L.S.A is



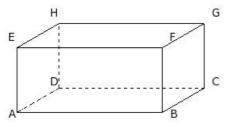
(i) 702.00 sq.cm (ii) 729.00 sq.cm (iii) 690.00 sq.cm (iv) 717.00 sq.cm

12. If the length, height and L.S.A of a cuboid are 20.00 cm, 13.00 cm and 728.00 sq.cm respectively, its volume is



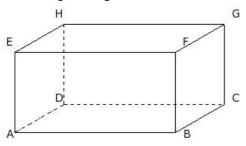
(i) 2320.00 cu.cm (ii) 2080.00 cu.cm (iii) 2240.00 cu.cm (iv) 2030.00 cu.cm (v) 1910.00 cu.cm

13. If the breadth, height and volume of a cuboid are 12.00 cm, 8.00 cm and 1728.00 cu.cm respectively, its length is



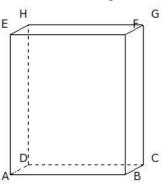
(i) 18.00 cm (ii) 15.00 cm (iii) 23.00 cm (iv) 13.00 cm (v) 21.00 cm

14. If the length, height and T.S.A of a cuboid are 20.00 cm, 10.00 cm and 1240.00 sq.cm respectively, its breadth is



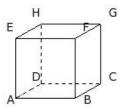
(i) 9.00 cm (ii) 19.00 cm (iii) 11.00 cm (iv) 14.00 cm (v) 17.00 cm

15. If the breadth, height and L.S.A of a cuboid are 5.00 cm, 17.00 cm and 646.00 sq.cm respectively, its length is



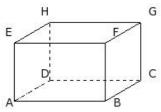
(i) 14.00 cm (ii) 19.00 cm (iii) 17.00 cm (iv) 9.00 cm (v) 11.00 cm

16. If the side of a cube is 7.00 cm, its volume is



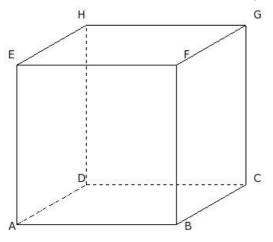
(i) 343.00 cu.cm (ii) 367.00 cu.cm (iii) 341.00 cu.cm (iv) 348.00 cu.cm (v) 320.00 cu.cm

17. If the length, breadth and height of a cuboid are 11.00 cm, 10.00 cm and 7.00 cm respectively, its volume is



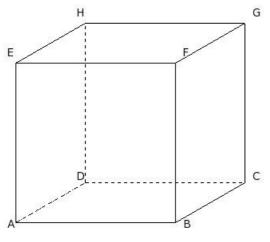
(i) 770.00 cu.cm (ii) 752.00 cu.cm (iii) 767.00 cu.cm (iv) 787.00 cu.cm (v) 774.00 cu.cm

18. If the volume of a cube is 8000.00 cu.cm, its T.S.A is



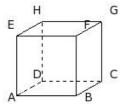
(i) 2640.00 sq.cm (ii) 2400.00 sq.cm (iii) 2360.00 sq.cm (iv) 2220.00 sq.cm (v) 2580.00 sq.cm

19. If the volume of a cube is 8000.00 cu.cm, its L.S.A is



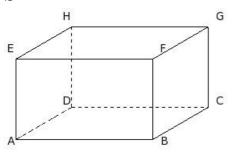
(i) 1420.00 sq.cm (ii) 1770.00 sq.cm (iii) 1600.00 sq.cm

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



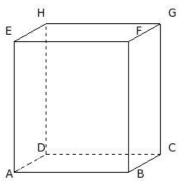
(i) 196.00 sq.cm (ii) 189.00 sq.cm (iii) 224.00 sq.cm (iv) 171.00 sq.cm (v) 212.00 sq.cm

21. If the breadth, height and T.S.A of a cuboid are 16.00 cm, 10.00 cm and 1204.00 sq.cm respectively, its volume is



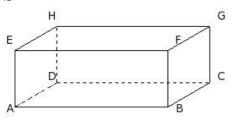
(i) 2600.00 cu.cm (ii) 2890.00 cu.cm (iii) 2640.00 cu.cm (iv) 2720.00 cu.cm

22. If the length, breadth and height of a cuboid are 14.00 cm, 9.00 cm and 16.00 cm respectively, its T.S.A is



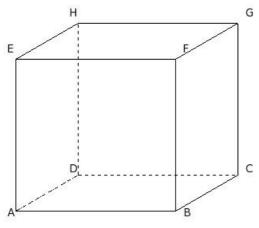
(i) 1001.00 sq.cm (ii) 974.00 sq.cm (iii) 1000.00 sq.cm (iv) 988.00 sq.cm

23. If the length, breadth and volume of a cuboid are 19.00 cm, 12.00 cm and 1596.00 cu.cm respectively, its height is



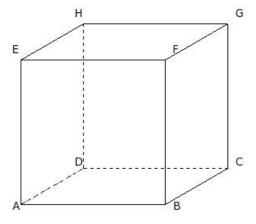
(i) 9.00 cm (ii) 5.00 cm (iii) 7.00 cm (iv) 6.00 cm (v) 8.00 cm

24. If the length, height and T.S.A of a cuboid are 20.00 cm, 19.00 cm and 2164.00 sq.cm respectively, its volume is



(i) 6840.00 cu.cm (ii) 6710.00 cu.cm (iii) 6920.00 cu.cm (iv) 6800.00 cu.cm (v) 7120.00 cu.cm

25. If the side of a cube is 18.00 cm, its L.S.A is



(i) 1166.00 sq.cm (ii) 1546.00 sq.cm (iii) 1416.00 sq.cm (iv) 1136.00 sq.cm (v) 1296.00 sq.cm

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

Copyright © Small Systems Computing Pvt. Ltd.