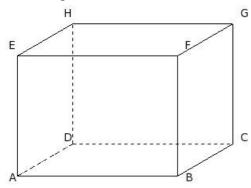
Name: Chapter Based Worksheet

Chapter: Volume and Surface Area of Solids

Grade: ICSE Grade VIII

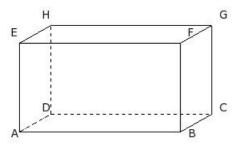
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1. If the length, breadth and L.S.A of a cuboid are 20.00 cm, 16.00 cm and 1080.00 sq.cm respectively, its height is



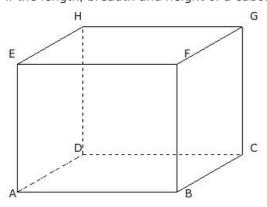
(i) 12.00 cm (ii) 10.00 cm (iii) 18.00 cm (iv) 20.00 cm (v) 15.00 cm

2. If the length, height and volume of a cuboid are 20.00 cm, 11.00 cm and 1980.00 cu.cm respectively, its breadth



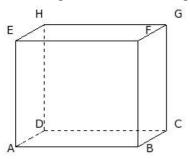
(i) 8.00 cm (ii) 11.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 10.00 cm

3. If the length, breadth and height of a cuboid are 20.00 cm, 19.00 cm and 16.00 cm respectively, its volume is



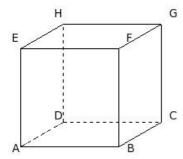
(i) 6080.00 cu.cm (ii) 5940.00 cu.cm (iii) 5930.00 cu.cm (iv) 6100.00 cu.cm (v) 6220.00 cu.cm

4. If the length, breadth and height of a cuboid are 15.00 cm, 8.00 cm and 13.00 cm respectively, its T.S.A is



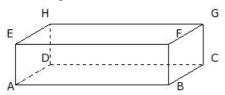
(i) 823.00 sq.cm (ii) 820.00 sq.cm (iii) 855.00 sq.cm (iv) 838.00 sq.cm (v) 864.00 sq.cm

5. If the side of a cube is 12.00 cm, its T.S.A is



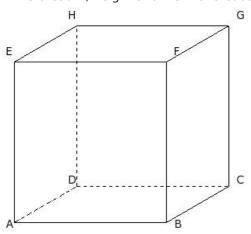
(i) 880.00 sq.cm (ii) 839.00 sq.cm (iii) 848.00 sq.cm (iv) 864.00 sq.cm (v) 872.00 sq.cm

6. If the length, breadth and volume of a cuboid are 19.00 cm, 10.00 cm and 950.00 cu.cm respectively, its T.S.A is



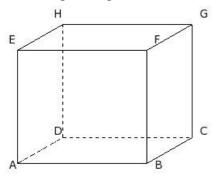
(i) 686.00 sq.cm (ii) 670.00 sq.cm (iii) 653.00 sq.cm (iv) 652.00 sq.cm (v) 698.00 sq.cm

7. If the breadth, height and T.S.A of a cuboid are 18.00 cm, 20.00 cm and 2164.00 sq.cm respectively, its L.S.A is



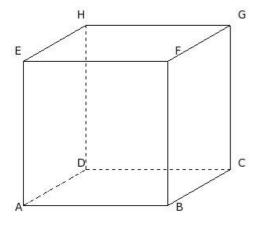
(i) 1480.00 sq.cm (ii) 1320.00 sq.cm (iii) 1550.00 sq.cm (iv) 1750.00 sq.cm

8. If the length, height and T.S.A of a cuboid are 16.00 cm, 14.00 cm and 1228.00 sq.cm respectively, its L.S.A is



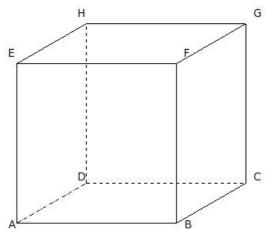
(i) 839.00 sq.cm (ii) 798.00 sq.cm (iii) 812.00 sq.cm (iv) 797.00 sq.cm (v) 820.00 sq.cm

9. If the volume of a cube is 5832.00 cu.cm, its side is



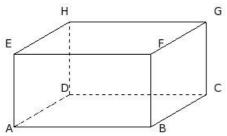
(i) 23.00 cm (ii) 15.00 cm (iii) 21.00 cm (iv) 13.00 cm (v) 18.00 cm

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



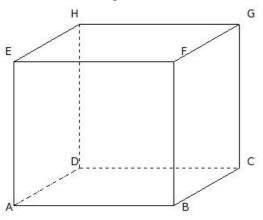
(i) 1670.00 sq.cm (ii) 1380.00 sq.cm (iii) 1600.00 sq.cm (iv) 1730.00 sq.cm (v) 1580.00 sq.cm

11. If the length, breadth and height of a cuboid are 17.00 cm, 16.00 cm and 9.00 cm respectively, its L.S.A is



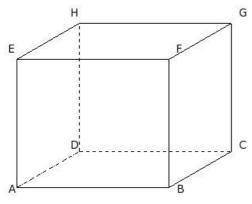
(i) 608.00 sq.cm (ii) 576.00 sq.cm (iii) 607.00 sq.cm (iv) 594.00 sq.cm

12. If the breadth, height and L.S.A of a cuboid are 19.00 cm, 18.00 cm and 1404.00 sq.cm respectively, its T.S.A is



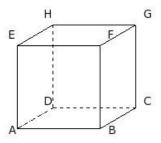
(i) 2144.00 sq.cm (ii) 2004.00 sq.cm (iii) 2164.00 sq.cm (iv) 2204.00 sq.cm (v) 2344.00 sq.cm

13. If the length, height and T.S.A of a cuboid are 19.00 cm, 16.00 cm and 1868.00 sq.cm respectively, its breadth is



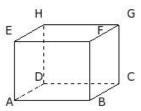
(i) 15.00 cm (ii) 21.00 cm (iii) 23.00 cm (iv) 13.00 cm (v) 18.00 cm

14. If the volume of a cube is 1000.00 cu.cm, its T.S.A is



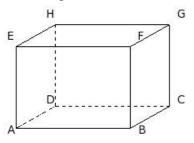
(i) 594.00 sq.cm (ii) 600.00 sq.cm (iii) 625.00 sq.cm (iv) 617.00 sq.cm (v) 582.00 sq.cm

15. If the length, breadth and L.S.A of a cuboid are 9.00 cm, 8.00 cm and 238.00 sq.cm respectively, its volume is



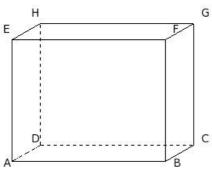
(i) 522.00 cu.cm (ii) 510.00 cu.cm (iii) 500.00 cu.cm (iv) 504.00 cu.cm (v) 481.00 cu.cm

16. If the length, breadth and T.S.A of a cuboid are 14.00 cm, 11.00 cm and 808.00 sq.cm respectively, its height is



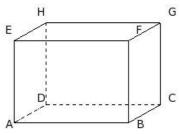
(i) 10.00 cm (ii) 7.00 cm (iii) 15.00 cm (iv) 5.00 cm (v) 13.00 cm

17. If the length, height and L.S.A of a cuboid are 19.00 cm, 15.00 cm and 810.00 sq.cm respectively, its breadth is



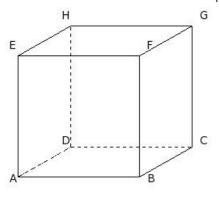
(i) 6.00 cm (ii) 8.00 cm (iii) 7.00 cm (iv) 9.00 cm (v) 10.00 cm

18. If the length, height and L.S.A of a cuboid are 14.00 cm, 10.00 cm and 460.00 sq.cm respectively, its T.S.A is



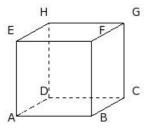
(i) 738.00 sq.cm (ii) 684.00 sq.cm (iii) 707.00 sq.cm (iv) 712.00 sq.cm (v) 719.00 sq.cm

19. If the T.S.A of a cube is 1350.00 sq.cm, its volume is



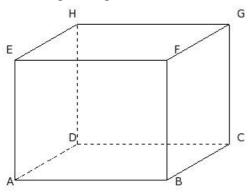
(i) 3375.00 cu.cm (ii) 3245.00 cu.cm (iii) 3605.00 cu.cm (iv) 3415.00 cu.cm (v) 3295.00 cu.cm

20. If the side of a cube is 9.00 cm, its volume is

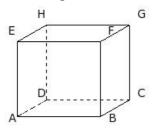


(i) 729.00 cu.cm (ii) 732.00 cu.cm (iii) 711.00 cu.cm (iv) 703.00 cu.cm (v) 752.00 cu.cm

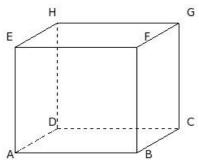
21. If the length, height and T.S.A of a cuboid are 19.00 cm, 15.00 cm and 1794.00 sq.cm respectively, its volume is



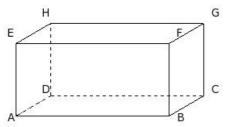
- (i) 5010.00 cu.cm (ii) 5290.00 cu.cm (iii) 5260.00 cu.cm (iv) 4890.00 cu.cm (v) 5130.00 cu.cm
- 22. If the length, breadth and volume of a cuboid are 10.00 cm, 8.00 cm and 720.00 cu.cm respectively, its L.S.A is



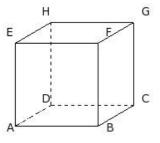
- (i) 350.00 sq.cm (ii) 332.00 sq.cm (iii) 321.00 sq.cm (iv) 309.00 sq.cm (v) 324.00 sq.cm
- 23. If the length, height and volume of a cuboid are 15.00 cm, 13.00 cm and 2340.00 cu.cm respectively, its T.S.A is



- (i) 882.00 sq.cm (ii) 1312.00 sq.cm (iii) 1062.00 sq.cm (iv) 892.00 sq.cm (v) 1222.00 sq.cm
- 24. If the breadth, height and T.S.A of a cuboid are 10.00 cm, 9.00 cm and 902.00 sq.cm respectively, its volume is



- (i) 1830.00 cu.cm (ii) 1710.00 cu.cm (iii) 1650.00 cu.cm (iv) 1490.00 cu.cm (v) 1780.00 cu.cm
- 25. If the T.S.A of a cube is 600.00 sq.cm, its side is



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

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

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