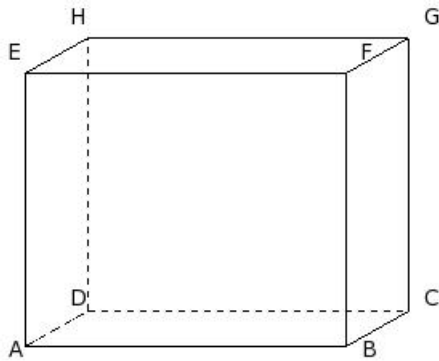


**EduSahara™ Learning Center Assignment**

**Grade** : Class VIII, ICSE  
**Chapter** : Volume and Surface Area of Solids  
**Name** : Cube and Cuboid  
**Licensed To** : Teachers and Students for non-commercial use

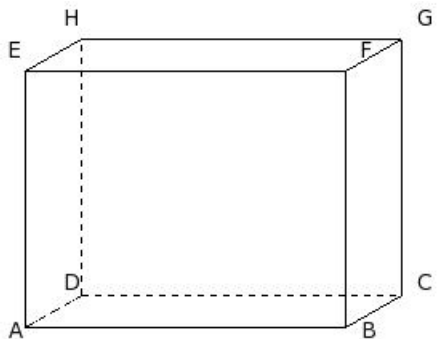
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1. If the length, breadth and height of a cuboid are 20.00 cm, 9.00 cm and 17.00 cm respectively, its L.S.A is



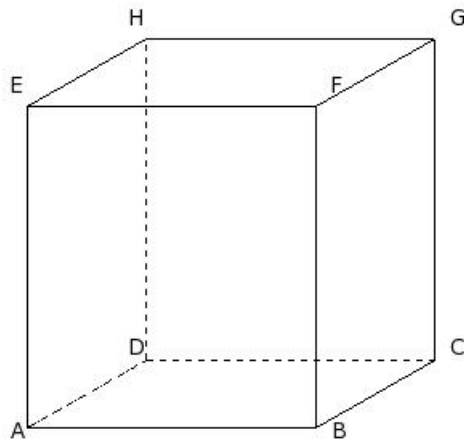
- (i) 1003.00 sq.cm      (ii) 989.00 sq.cm      (iii) 962.00 sq.cm      (iv) 986.00 sq.cm      (v) 978.00 sq.cm
- 

2. If the length, breadth and height of a cuboid are 20.00 cm, 8.00 cm and 16.00 cm respectively, its T.S.A is



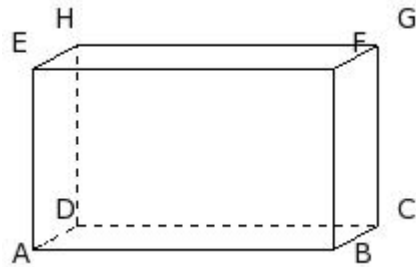
- (i) 1076.00 sq.cm      (ii) 1216.00 sq.cm      (iii) 1186.00 sq.cm      (iv) 1466.00 sq.cm      (v) 1336.00 sq.cm
- 

3. If the length, breadth and height of a cuboid are 18.00 cm, 17.00 cm and 20.00 cm respectively, its volume is



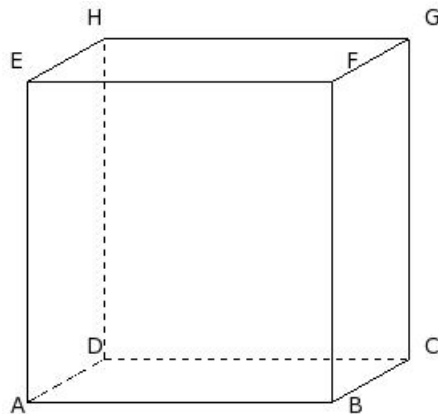
- (i) 5970.00 cu.cm      (ii) 6040.00 cu.cm      (iii) 6140.00 cu.cm      (iv) 6120.00 cu.cm      (v) 6260.00 cu.cm

4. If the length, breadth and L.S.A of a cuboid are 15.00 cm, 5.00 cm and 360.00 sq.cm respectively, its height is



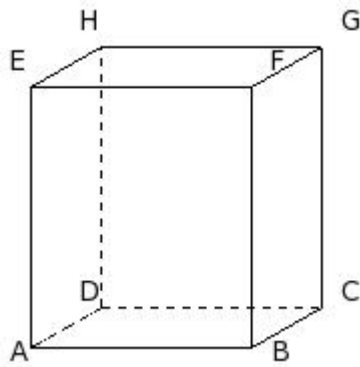
- (i) 11.00 cm    (ii) 8.00 cm    (iii) 9.00 cm    (iv) 7.00 cm    (v) 10.00 cm

5. If the length, breadth and L.S.A of a cuboid are 19.00 cm, 11.00 cm and 1200.00 sq.cm respectively, its volume is



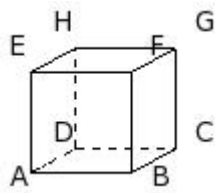
- (i) 4180.00 cu.cm      (ii) 3910.00 cu.cm      (iii) 4320.00 cu.cm      (iv) 4350.00 cu.cm      (v) 4160.00 cu.cm

6. If the length, breadth and T.S.A of a cuboid are 11.00 cm, 8.00 cm and 670.00 sq.cm respectively, its height is



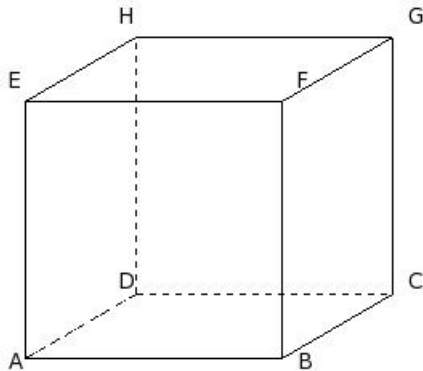
- (i) 13.00 cm (ii) 18.00 cm (iii) 10.00 cm (iv) 16.00 cm (v) 8.00 cm
- 

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



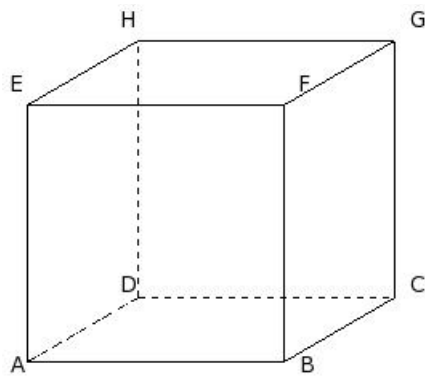
- (i) 118.00 sq.cm (ii) 100.00 sq.cm (iii) 114.00 sq.cm (iv) 85.00 sq.cm (v) 72.00 sq.cm
- 

8. If the side of a cube is 16.00 cm, its T.S.A is



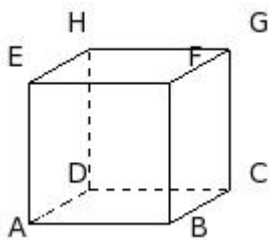
- (i) 1536.00 sq.cm (ii) 1706.00 sq.cm (iii) 1466.00 sq.cm (iv) 1256.00 sq.cm (v) 1756.00 sq.cm
- 

9. If the side of a cube is 16.00 cm, its volume is



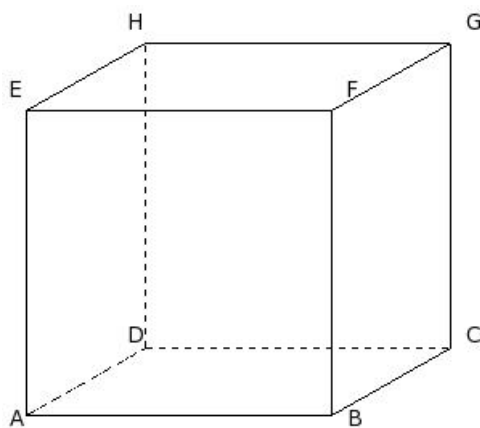
- (i) 3936.00 cu.cm      (ii) 4096.00 cu.cm      (iii) 4026.00 cu.cm      (iv) 4366.00 cu.cm      (v) 4276.00 cu.cm

10. If the L.S.A of a cube is 196.00 sq.cm, its side is



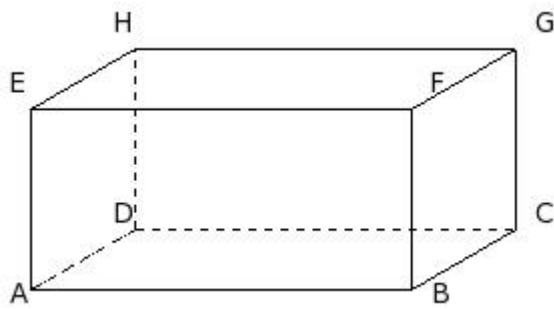
- (i) 9.00 cm    (ii) 5.00 cm    (iii) 7.00 cm    (iv) 6.00 cm    (v) 8.00 cm

11. If the length, breadth and L.S.A of a cuboid are 19.00 cm, 17.00 cm and 1368.00 sq.cm respectively, its T.S.A is



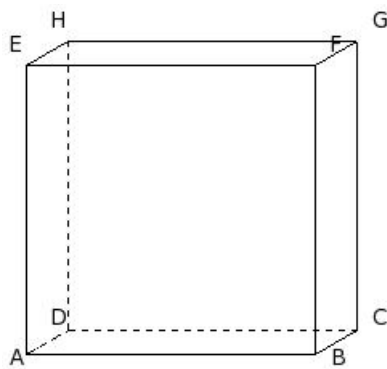
- (i) 1774.00 sq.cm      (ii) 2294.00 sq.cm      (iii) 1844.00 sq.cm      (iv) 2054.00 sq.cm      (v) 2014.00 sq.cm

12. If the length, breadth and T.S.A of a cuboid are 19.00 cm, 12.00 cm and 1014.00 sq.cm respectively, its L.S.A is



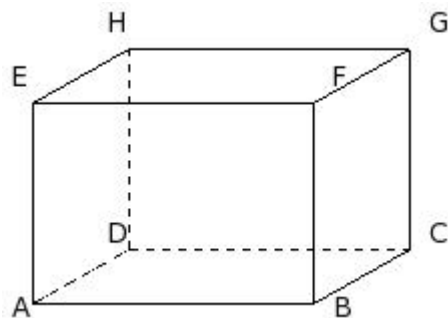
- (i) 570.00 sq.cm      (ii) 531.00 sq.cm      (iii) 573.00 sq.cm      (iv) 545.00 sq.cm      (v) 558.00 sq.cm

13. If the length, breadth and T.S.A of a cuboid are 18.00 cm, 6.00 cm and 1080.00 sq.cm respectively, its volume is



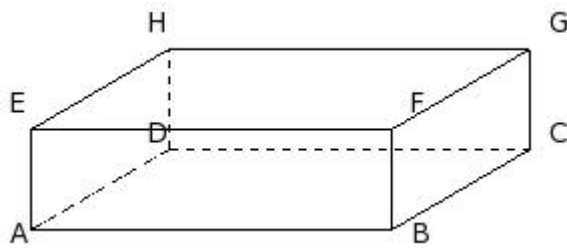
- (i) 1714.00 cu.cm      (ii) 1824.00 cu.cm      (iii) 2094.00 cu.cm      (iv) 1964.00 cu.cm      (v) 1944.00 cu.cm

14. If the length, breadth and volume of a cuboid are 14.00 cm, 11.00 cm and 1540.00 cu.cm respectively, its height is



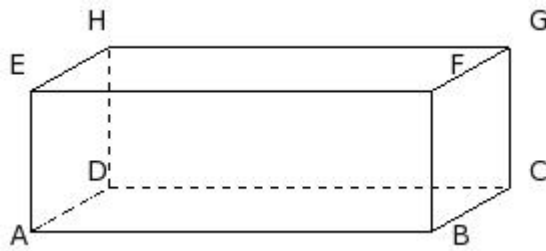
- (i) 15.00 cm      (ii) 10.00 cm      (iii) 5.00 cm      (iv) 7.00 cm      (v) 13.00 cm

15. If the length, breadth and volume of a cuboid are 18.00 cm, 16.00 cm and 1440.00 cu.cm respectively, its L.S.A is



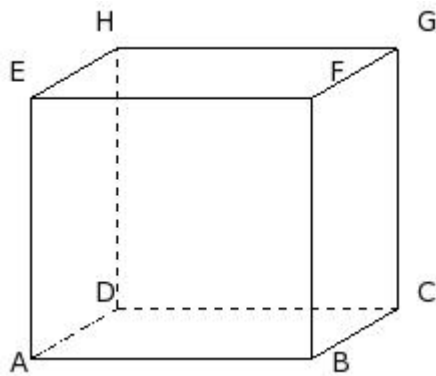
- (i) 327.00 sq.cm      (ii) 367.00 sq.cm      (iii) 326.00 sq.cm      (iv) 340.00 sq.cm      (v) 354.00 sq.cm

16. If the length, breadth and volume of a cuboid are 20.00 cm, 9.00 cm and 1260.00 cu.cm respectively, its T.S.A is



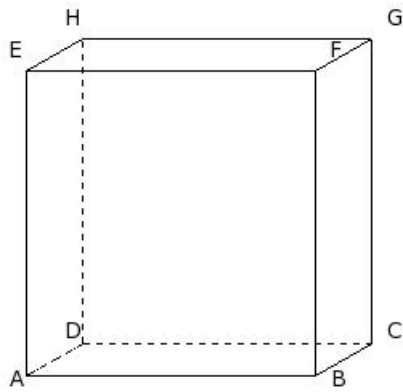
- (i) 768.00 sq.cm      (ii) 788.00 sq.cm      (iii) 739.00 sq.cm      (iv) 760.00 sq.cm      (v) 766.00 sq.cm

17. If the length, height and L.S.A of a cuboid are 14.00 cm, 13.00 cm and 624.00 sq.cm respectively, its breadth is



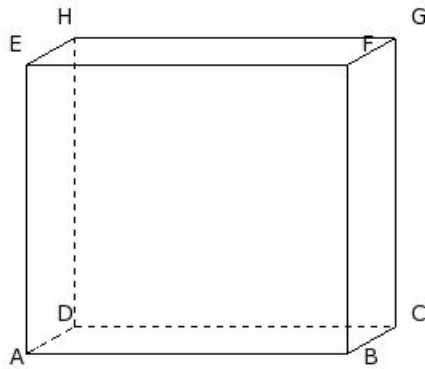
- (i) 7.00 cm      (ii) 15.00 cm      (iii) 5.00 cm      (iv) 10.00 cm      (v) 13.00 cm

18. If the length, height and L.S.A of a cuboid are 18.00 cm, 19.00 cm and 988.00 sq.cm respectively, its T.S.A is



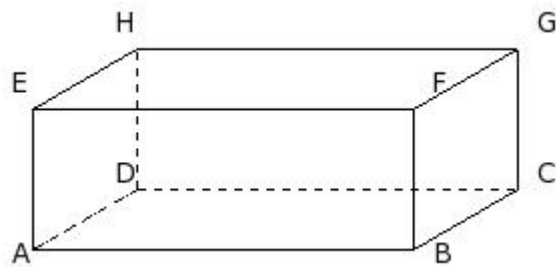
- (i) 1426.00 sq.cm      (ii) 1216.00 sq.cm      (iii) 1006.00 sq.cm      (iv) 1276.00 sq.cm      (v) 1436.00 sq.cm

19. If the length, height and L.S.A of a cuboid are 20.00 cm, 18.00 cm and 972.00 sq.cm respectively, its volume is



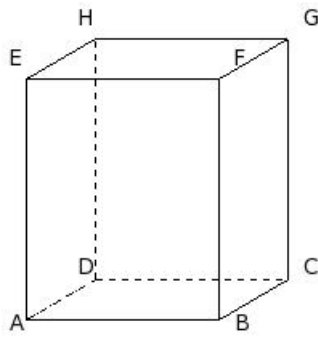
- (i) 2550.00 cu.cm      (ii) 2390.00 cu.cm      (iii) 2360.00 cu.cm      (iv) 2520.00 cu.cm      (v) 2640.00 cu.cm

20. If the length, height and T.S.A of a cuboid are 19.00 cm, 7.00 cm and 890.00 sq.cm respectively, its breadth is



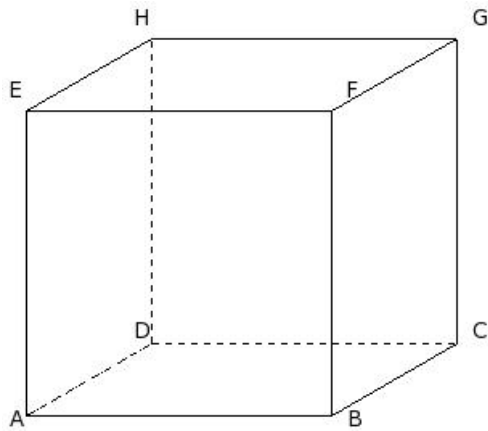
- (i) 12.00 cm      (ii) 17.00 cm      (iii) 9.00 cm      (iv) 7.00 cm      (v) 15.00 cm

21. If the length, height and T.S.A of a cuboid are 12.00 cm, 15.00 cm and 900.00 sq.cm respectively, its L.S.A is



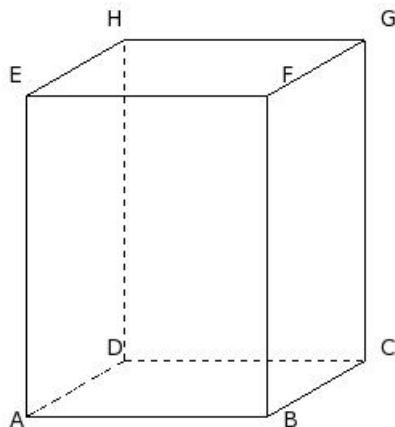
- (i) 677.00 sq.cm      (ii) 660.00 sq.cm      (iii) 642.00 sq.cm      (iv) 664.00 sq.cm      (v) 644.00 sq.cm

22. If the length, height and T.S.A of a cuboid are 19.00 cm, 19.00 cm and 2090.00 sq.cm respectively, its volume is



- (i) 6628.00 cu.cm      (ii) 6498.00 cu.cm      (iii) 6738.00 cu.cm      (iv) 6378.00 cu.cm      (v) 6218.00 cu.cm

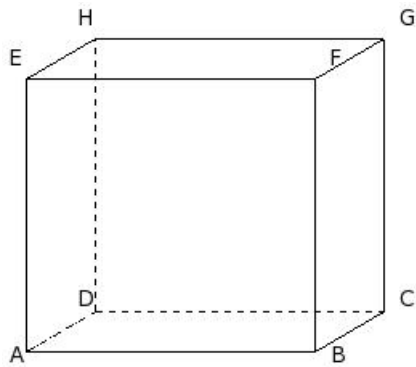
23. If the length, height and volume of a cuboid are 15.00 cm, 20.00 cm and 4200.00 cu.cm respectively, its breadth is



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

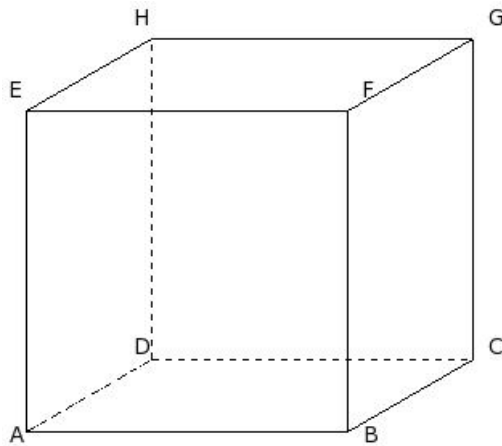
24. If the length, height and volume of a cuboid are 18.00 cm, 17.00 cm and 3060.00 cu.cm respectively, its L.S.A is





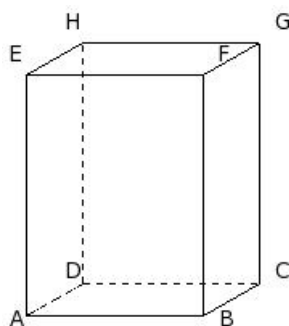
- (i) 965.00 sq.cm      (ii) 940.00 sq.cm      (iii) 974.00 sq.cm      (iv) 936.00 sq.cm      (v) 952.00 sq.cm

25. If the length, height and volume of a cuboid are 20.00 cm, 20.00 cm and 7200.00 cu.cm respectively, its T.S.A is



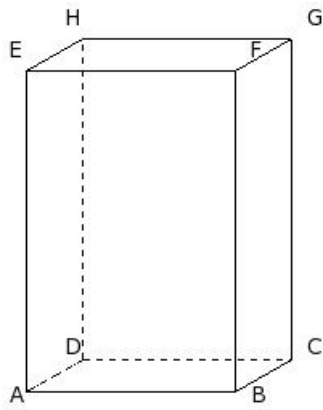
- (i) 2320.00 sq.cm      (ii) 1980.00 sq.cm      (iii) 2070.00 sq.cm      (iv) 2240.00 sq.cm      (v) 2470.00 sq.cm

26. If the breadth, height and L.S.A of a cuboid are 8.00 cm, 15.00 cm and 570.00 sq.cm respectively, its length is



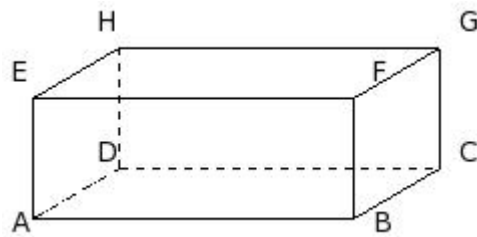
- (i) 14.00 cm      (ii) 16.00 cm      (iii) 11.00 cm      (iv) 6.00 cm      (v) 8.00 cm

27. If the breadth, height and L.S.A of a cuboid are 8.00 cm, 20.00 cm and 840.00 sq.cm respectively, its T.S.A is



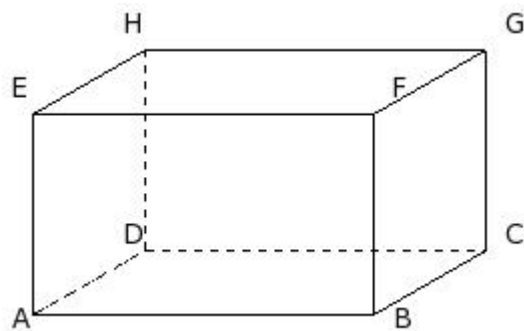
- (i) 1048.00 sq.cm      (ii) 1298.00 sq.cm      (iii) 978.00 sq.cm      (iv) 1108.00 sq.cm      (v) 908.00 sq.cm

28. If the breadth, height and L.S.A of a cuboid are 10.00 cm, 6.00 cm and 312.00 sq.cm respectively, its volume is



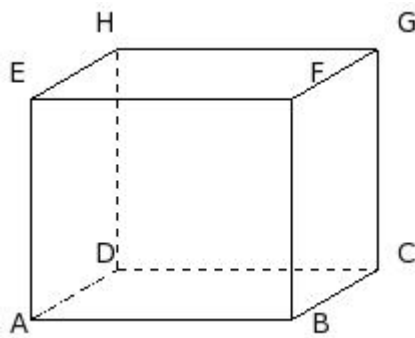
- (i) 967.00 cu.cm      (ii) 958.00 cu.cm      (iii) 986.00 cu.cm      (iv) 944.00 cu.cm      (v) 960.00 cu.cm

29. If the breadth, height and T.S.A of a cuboid are 13.00 cm, 10.00 cm and 1042.00 sq.cm respectively, its length is



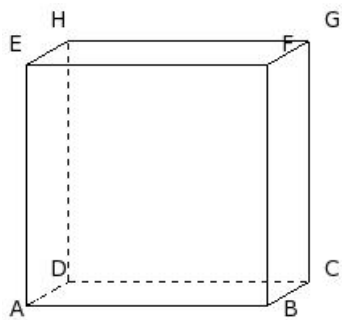
- (i) 14.00 cm      (ii) 22.00 cm      (iii) 17.00 cm      (iv) 12.00 cm      (v) 20.00 cm

30. If the breadth, height and T.S.A of a cuboid are 10.00 cm, 11.00 cm and 766.00 sq.cm respectively, its L.S.A is



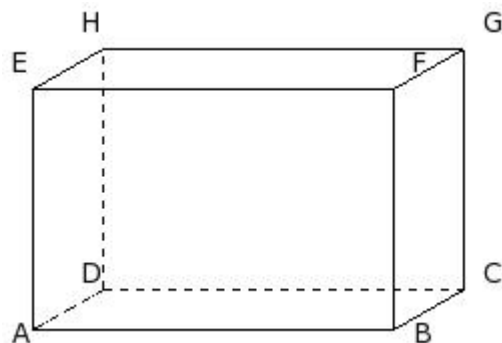
- (i) 522.00 sq.cm      (ii) 506.00 sq.cm      (iii) 481.00 sq.cm      (iv) 503.00 sq.cm      (v) 513.00 sq.cm

31. If the breadth, height and T.S.A of a cuboid are 6.00 cm, 15.00 cm and 810.00 sq.cm respectively, its volume is



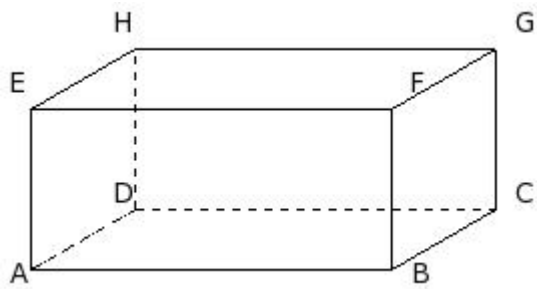
- (i) 1220.00 cu.cm      (ii) 1130.00 cu.cm      (iii) 1470.00 cu.cm      (iv) 1500.00 cu.cm      (v) 1350.00 cu.cm

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



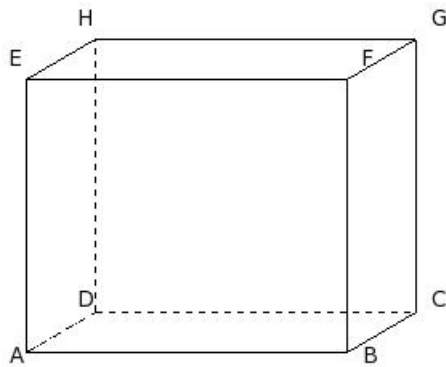
- (i) 15.00 cm      (ii) 13.00 cm      (iii) 18.00 cm      (iv) 21.00 cm      (v) 23.00 cm

33. If the breadth, height and volume of a cuboid are 12.00 cm, 8.00 cm and 1728.00 cu.cm respectively, its L.S.A is



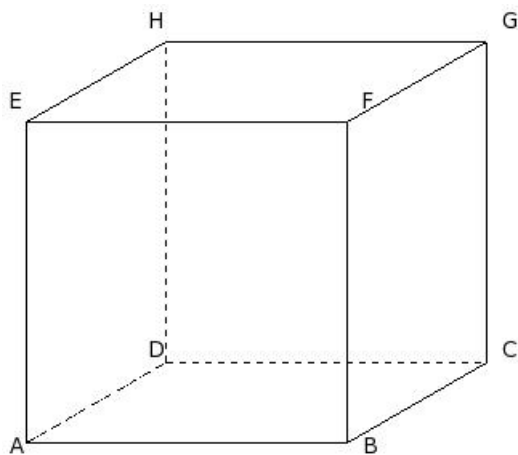
- (i) 493.00 sq.cm      (ii) 455.00 sq.cm      (iii) 468.00 sq.cm      (iv) 487.00 sq.cm      (v) 480.00 sq.cm

34. If the breadth, height and volume of a cuboid are 10.00 cm, 17.00 cm and 3400.00 cu.cm respectively, its T.S.A is



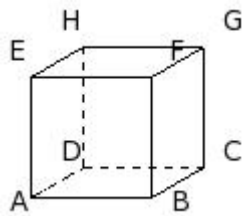
- (i) 1250.00 sq.cm      (ii) 1420.00 sq.cm      (iii) 1540.00 sq.cm      (iv) 1590.00 sq.cm      (v) 1140.00 sq.cm

35. If the L.S.A of a cube is 1600.00 sq.cm, its T.S.A is



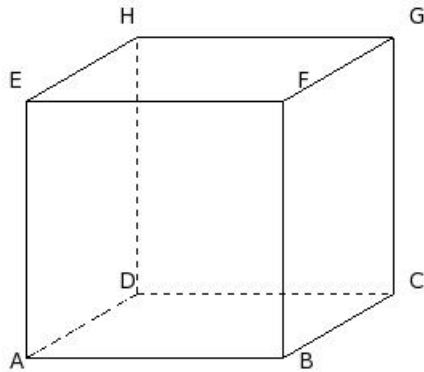
- (i) 2340.00 sq.cm      (ii) 2670.00 sq.cm      (iii) 2250.00 sq.cm      (iv) 2520.00 sq.cm      (v) 2400.00 sq.cm

36. If the L.S.A of a cube is 144.00 sq.cm, its volume is



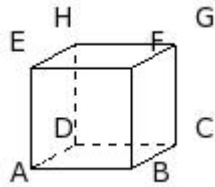
- (i) 224.00 cu.cm      (ii) 199.00 cu.cm      (iii) 229.00 cu.cm      (iv) 202.00 cu.cm      (v) 216.00 cu.cm

37. If the T.S.A of a cube is 1536.00 sq.cm, its side is



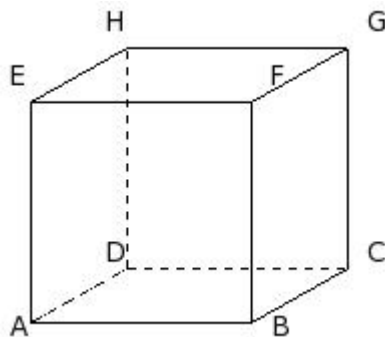
- (i) 19.00 cm    (ii) 16.00 cm    (iii) 13.00 cm    (iv) 21.00 cm    (v) 11.00 cm

38. If the T.S.A of a cube is 150.00 sq.cm, its L.S.A is



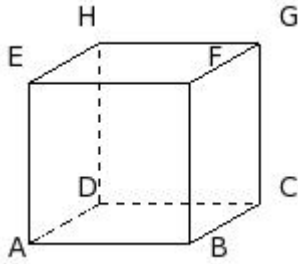
- (i) 127.00 sq.cm    (ii) 72.00 sq.cm    (iii) 114.00 sq.cm    (iv) 100.00 sq.cm    (v) 96.00 sq.cm

39. If the T.S.A of a cube is 726.00 sq.cm, its volume is



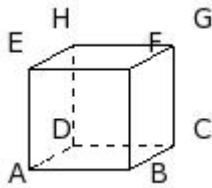
- (i) 1501.00 cu.cm      (ii) 1151.00 cu.cm      (iii) 1291.00 cu.cm      (iv) 1331.00 cu.cm      (v) 1481.00 cu.cm

40. If the volume of a cube is 512.00 cu.cm, its side is



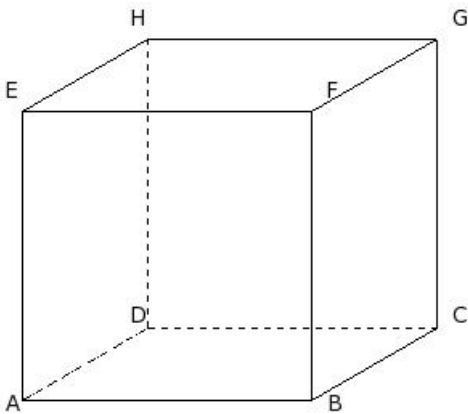
- (i) 7.00 cm (ii) 8.00 cm (iii) 9.00 cm (iv) 10.00 cm (v) 6.00 cm
- 

41. If the volume of a cube is 125.00 cu.cm, its L.S.A is



- (i) 100.00 sq.cm (ii) 92.00 sq.cm (iii) 113.00 sq.cm (iv) 73.00 sq.cm (v) 126.00 sq.cm
- 

42. If the volume of a cube is 5832.00 cu.cm, its T.S.A is



- (i) 1944.00 sq.cm (ii) 2104.00 sq.cm (iii) 2224.00 sq.cm (iv) 1794.00 sq.cm (v) 1774.00 sq.cm
-

## Assignment Key

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- 1) (iv)
- 2) (ii)
- 3) (iv)
- 4) (iii)
- 5) (i)
- 6) (i)
- 7) (ii)
- 8) (i)
- 9) (ii)
- 10) (iii)
- 11) (v)
- 12) (v)
- 13) (v)
- 14) (ii)
- 15) (iv)
- 16) (v)
- 17) (iv)
- 18) (iv)
- 19) (iv)
- 20) (i)
- 21) (ii)
- 22) (ii)
- 23) (iii)
- 24) (v)
- 25) (iv)
- 26) (iii)
- 27) (i)
- 28) (v)
- 29) (iii)
- 30) (ii)
- 31) (v)
- 32) (iii)
- 33) (v)
- 34) (ii)
- 35) (v)
- 36) (v)
- 37) (ii)
- 38) (iv)
- 39) (iv)

40) (ii)

41) (i)

42) (i)