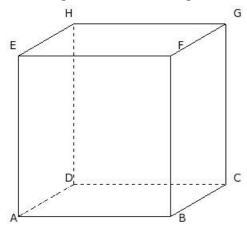
Name: Cube and Cuboid

Chapter : Mensuration

Grade: CBSE Grade VIII

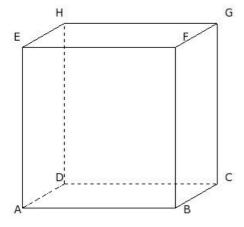
License: Non Commercial Use

1. If the length, breadth and height of a cuboid are 19.00 cm, 16.00 cm and 20.00 cm respectively, its L.S.A is



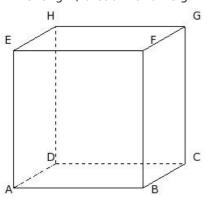
(i) 1400.00 sq.cm (ii) 1220.00 sq.cm (iii) 1260.00 sq.cm (iv) 1570.00 sq.cm (v) 1580.00 sq.cm

2. If the length, breadth and height of a cuboid are 19.00 cm, 12.00 cm and 20.00 cm respectively, its T.S.A is



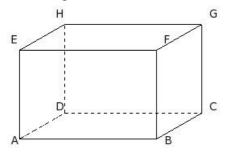
(i) 1846.00 sq.cm (ii) 1776.00 sq.cm (iii) 1526.00 sq.cm (iv) 1696.00 sq.cm (v) 1636.00 sq.cm

3. If the length, breadth and height of a cuboid are 16.00 cm, 12.00 cm and 17.00 cm respectively, its volume is



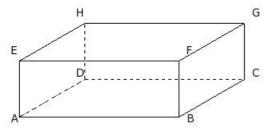
(i) 3524.00 cu.cm (ii) 3264.00 cu.cm (iii) 3104.00 cu.cm (iv) 3394.00 cu.cm (v) 3184.00 cu.cm

4. If the length, breadth and L.S.A of a cuboid are 17.00 cm, 13.00 cm and 660.00 sq.cm respectively, its height is



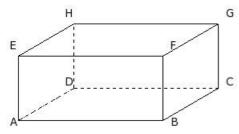
(i) 8.00 cm (ii) 16.00 cm (iii) 14.00 cm (iv) 6.00 cm (v) 11.00 cm

5. If the length, breadth and L.S.A of a cuboid are 20.00 cm, 19.00 cm and 546.00 sq.cm respectively, its T.S.A is



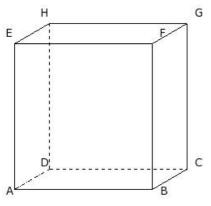
(i) 1166.00 sq.cm (ii) 1246.00 sq.cm (iii) 1436.00 sq.cm (iv) 1306.00 sq.cm (v) 1486.00 sq.cm

6. If the length, breadth and L.S.A of a cuboid are 18.00 cm, 16.00 cm and 544.00 sq.cm respectively, its volume is



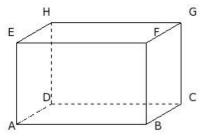
(i) 2354.00 cu.cm (ii) 2234.00 cu.cm (iii) 2484.00 cu.cm (iv) 2304.00 cu.cm (v) 2044.00 cu.cm

7. If the length, breadth and T.S.A of a cuboid are 17.00 cm, 10.00 cm and 1312.00 sq.cm respectively, its height is



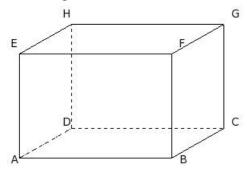
(i) 18.00 cm (ii) 23.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 21.00 cm

8. If the length, breadth and T.S.A of a cuboid are 16.00 cm, 10.00 cm and 840.00 sq.cm respectively, its L.S.A is



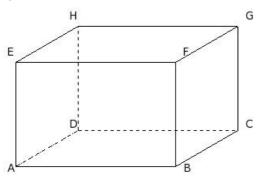
(i) 520.00 sq.cm (ii) 538.00 sq.cm (iii) 505.00 sq.cm (iv) 523.00 sq.cm (v) 513.00 sq.cm

9. If the length, breadth and T.S.A of a cuboid are 19.00 cm, 15.00 cm and 1454.00 sq.cm respectively, its volume is



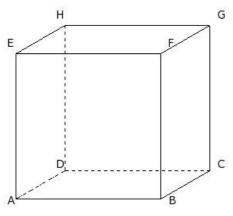
(i) 3705.00 cu.cm (ii) 3565.00 cu.cm (iii) 3645.00 cu.cm (iv) 3785.00 cu.cm (v) 3825.00 cu.cm

10. If the length, breadth and volume of a cuboid are 20.00 cm, 18.00 cm and 4680.00 cu.cm respectively, its height is



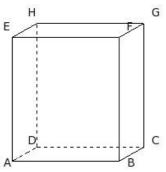
(i) 13.00 cm (ii) 10.00 cm (iii) 18.00 cm (iv) 16.00 cm (v) 8.00 cm

11. If the length, breadth and volume of a cuboid are 18.00 cm, 14.00 cm and 4536.00 cu.cm respectively, its L.S.A is



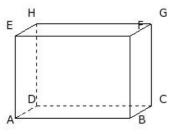
(i) 922.00 sq.cm (ii) 1292.00 sq.cm (iii) 982.00 sq.cm (iv) 1152.00 sq.cm (v) 1172.00 sq.cm

12. If the length, breadth and volume of a cuboid are 13.00 cm, 7.00 cm and 1365.00 cu.cm respectively, its T.S.A is



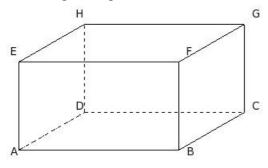
(i) 782.00 sq.cm (ii) 796.00 sq.cm (iii) 794.00 sq.cm (iv) 769.00 sq.cm (v) 776.00 sq.cm

13. If the length, height and L.S.A of a cuboid are 14.00 cm, 10.00 cm and 400.00 sq.cm respectively, its breadth is



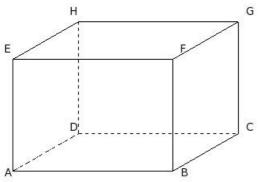
(i) 6.00 cm (ii) 4.00 cm (iii) 5.00 cm (iv) 8.00 cm (v) 7.00 cm

14. If the length, height and L.S.A of a cuboid are 20.00 cm, 11.00 cm and 858.00 sq.cm respectively, its T.S.A is



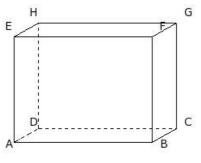
(i) 1698.00 sq.cm (ii) 1758.00 sq.cm (iii) 1498.00 sq.cm (iv) 1618.00 sq.cm (v) 1488.00 sq.cm

15. If the length, height and L.S.A of a cuboid are 20.00 cm, 14.00 cm and 1092.00 sq.cm respectively, its volume is



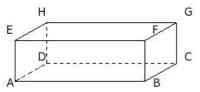
(i) 5320.00 cu.cm (ii) 5270.00 cu.cm (iii) 5150.00 cu.cm (iv) 5460.00 cu.cm (v) 5340.00 cu.cm

16. If the length, height and T.S.A of a cuboid are 17.00 cm, 13.00 cm and 862.00 sq.cm respectively, its breadth is



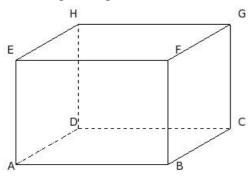
(i) 8.00~cm (ii) 9.00~cm (iii) 6.00~cm (iv) 7.00~cm (v) 5.00~cm

17. If the length, height and T.S.A of a cuboid are 16.00 cm, 5.00 cm and 538.00 sq.cm respectively, its L.S.A is



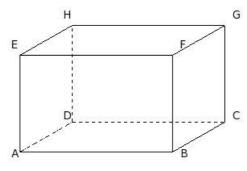
(i) 236.00 sq.cm (ii) 232.00 sq.cm (iii) 250.00 sq.cm (iv) 263.00 sq.cm (v) 274.00 sq.cm

18. If the length, height and T.S.A of a cuboid are 19.00 cm, 13.00 cm and 1646.00 sq.cm respectively, its volume is



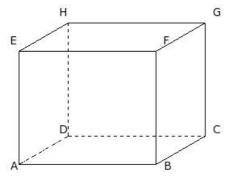
(i) 4416.00 cu.cm (ii) 4486.00 cu.cm (iii) 4616.00 cu.cm (iv) 4226.00 cu.cm (v) 4446.00 cu.cm

19. If the length, height and volume of a cuboid are 19.00 cm, 12.00 cm and 3420.00 cu.cm respectively, its breadth is



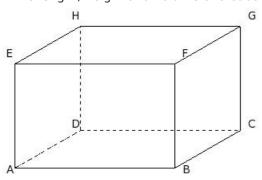
(i) 20.00 cm (ii) 10.00 cm (iii) 12.00 cm (iv) 15.00 cm (v) 18.00 cm

20. If the length, height and volume of a cuboid are 17.00 cm, 14.00 cm and 3332.00 cu.cm respectively, its L.S.A is



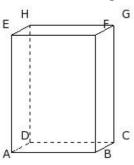
(i) 885.00 sq.cm (ii) 854.00 sq.cm (iii) 890.00 sq.cm (iv) 868.00 sq.cm (v) 843.00 sq.cm

21. If the length, height and volume of a cuboid are 20.00 cm, 13.00 cm and 4940.00 cu.cm respectively, its T.S.A is

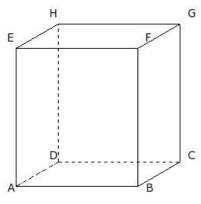


(i) 1504.00 sq.cm (ii) 1954.00 sq.cm (iii) 1934.00 sq.cm (iv) 1774.00 sq.cm (v) 1754.00 sq.cm

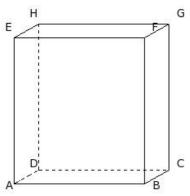
22. If the breadth, height and L.S.A of a cuboid are 5.00 cm, 14.00 cm and 420.00 sq.cm respectively, its length is



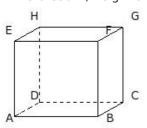
- (i) 13.00 cm (ii) 10.00 cm (iii) 5.00 cm (iv) 15.00 cm (v) 7.00 cm
- 23. If the breadth, height and L.S.A of a cuboid are 12.00 cm, 17.00 cm and 918.00 sq.cm respectively, its T.S.A is



- (i) 1128.00 sq.cm (ii) 1248.00 sq.cm (iii) 1348.00 sq.cm (iv) 1278.00 sq.cm (v) 1558.00 sq.cm
- 24. If the breadth, height and L.S.A of a cuboid are 7.00 cm, 18.00 cm and 828.00 sq.cm respectively, its volume is

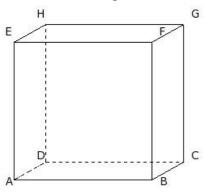


- (i) 2016.00 cu.cm (ii) 2176.00 cu.cm (iii) 1936.00 cu.cm (iv) 2286.00 cu.cm (v) 1896.00 cu.cm
- 25. If the breadth, height and T.S.A of a cuboid are 7.00 cm, 9.00 cm and 446.00 sq.cm respectively, its length is

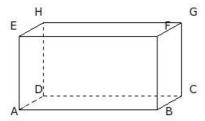


(i) 5.00 cm (ii) 7.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 10.00 cm

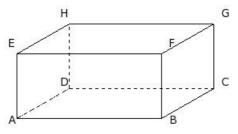
26. If the breadth, height and T.S.A of a cuboid are 9.00 cm, 17.00 cm and 1190.00 sq.cm respectively, its L.S.A is



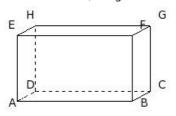
- (i) 872.00 sq.cm (ii) 871.00 sq.cm (iii) 898.00 sq.cm (iv) 884.00 sq.cm (v) 896.00 sq.cm
- 27. If the breadth, height and T.S.A of a cuboid are 7.00 cm, 9.00 cm and 670.00 sq.cm respectively, its volume is



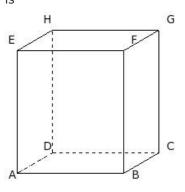
- (i) 791.00 cu.cm (ii) 1131.00 cu.cm (iii) 1241.00 cu.cm (iv) 1041.00 cu.cm (v) 1071.00 cu.cm
- 28. If the breadth, height and volume of a cuboid are 15.00 cm, 8.00 cm and 2160.00 cu.cm respectively, its length is



- (i)  $13.00 \, \text{cm}$  (ii)  $15.00 \, \text{cm}$  (iii)  $21.00 \, \text{cm}$  (iv)  $18.00 \, \text{cm}$  (v)  $23.00 \, \text{cm}$
- 29. If the breadth, height and volume of a cuboid are 5.00 cm, 8.00 cm and 560.00 cu.cm respectively, its L.S.A is

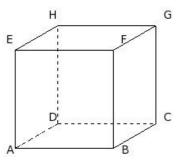


- (i) 276.00 sq.cm (ii) 308.00 sq.cm (iii) 331.00 sq.cm (iv) 299.00 sq.cm (v) 304.00 sq.cm
- 30. If the breadth, height and volume of a cuboid are 10.00 cm, 15.00 cm and 1950.00 cu.cm respectively, its T.S.A is

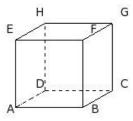


(i) 924.00 sq.cm (ii) 964.00 sq.cm (iii) 963.00 sq.cm (iv) 938.00 sq.cm (v) 950.00 sq.cm

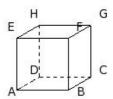
# 31. If the side of a cube is 12.00 cm, its L.S.A is



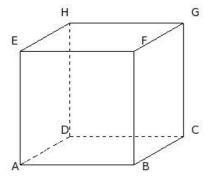
- (i) 592.00 sq.cm (ii) 576.00 sq.cm (iii) 573.00 sq.cm (iv) 559.00 sq.cm (v) 594.00 sq.cm
- 32. If the side of a cube is 8.00 cm, its T.S.A is



- (i) 381.00 sq.cm (ii) 400.00 sq.cm (iii) 391.00 sq.cm (iv) 359.00 sq.cm (v) 384.00 sq.cm
- 33. If the side of a cube is 6.00 cm, its volume is

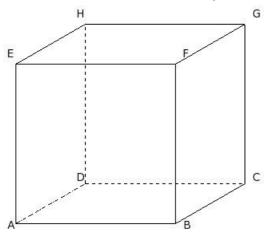


- (i) 216.00 cu.cm (ii) 188.00 cu.cm (iii) 202.00 cu.cm (iv) 219.00 cu.cm (v) 241.00 cu.cm
- 34. If the L.S.A of a cube is 784.00 sq.cm, its side is

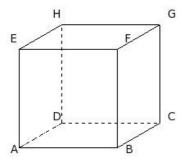


(i) 9.00 cm (ii) 17.00 cm (iii) 19.00 cm (iv) 14.00 cm (v) 11.00 cm

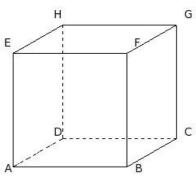
35. If the L.S.A of a cube is 1600.00 sq.cm, its T.S.A is



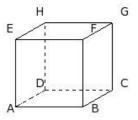
- (i) 2240.00 sq.cm (ii) 2460.00 sq.cm (iii) 2400.00 sq.cm (iv) 2180.00 sq.cm (v) 2520.00 sq.cm
- 36. If the L.S.A of a cube is 576.00 sq.cm, its volume is



- (i) 1468.00 cu.cm (ii) 1898.00 cu.cm (iii) 1788.00 cu.cm (iv) 1608.00 cu.cm (v) 1728.00 cu.cm
- 37. If the T.S.A of a cube is 1176.00 sq.cm, its side is

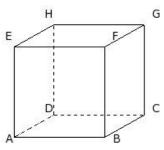


- (i) 19.00 cm (ii) 17.00 cm (iii) 14.00 cm (iv) 9.00 cm (v) 11.00 cm
- 38. If the T.S.A of a cube is 384.00 sq.cm, its L.S.A is



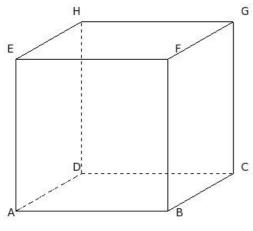
(i) 261.00 sq.cm (ii) 228.00 sq.cm (iii) 243.00 sq.cm (iv) 282.00 sq.cm (v) 256.00 sq.cm

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



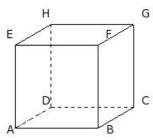
(i) 1371.00 cu.cm (ii) 1331.00 cu.cm (iii) 1301.00 cu.cm (iv) 1051.00 cu.cm (v) 1551.00 cu.cm

## 40. If the volume of a cube is 6859.00 cu.cm, its side is



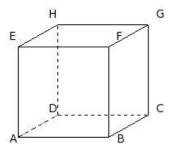
(i) 22.00 cm (ii) 14.00 cm (iii) 24.00 cm (iv) 19.00 cm (v) 16.00 cm

### 41. If the volume of a cube is 1000.00 cu.cm, its L.S.A is



(i) 385.00 sq.cm (ii) 400.00 sq.cm (iii) 393.00 sq.cm (iv) 426.00 sq.cm (v) 412.00 sq.cm

### 42. If the volume of a cube is 1331.00 cu.cm, its T.S.A is



(i) 734.00 sq.cm (ii) 726.00 sq.cm (iii) 713.00 sq.cm (iv) 711.00 sq.cm (v) 750.00 sq.cm

Assignment Key					
1) (i)	2) (iv)	3) (ii)	4) (v)	5) (iv)	6) (iv)
7) (i)	8) (i)	9) (i)	10) (i)	11) (iv)	12) (i)
13) (i)	14) (iv)	15) (i)	16) (iv)	17) (iii)	18) (v)
19) (iv)	20) (iv)	21) (iv)	22) (ii)	23) (iv)	24) (i)
25) (v)	26) (iv)	27) (v)	28) (iv)	29) (v)	30) (v)
31) (ii)	32) (v)	33) (i)	34) (iv)	35) (iii)	36) (v)
37) (iii)	38) (v)	39) (ii)	40) (iv)	41) (ii)	42) (ii)

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