EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Mensuration

Grade : CBSE Grade VI

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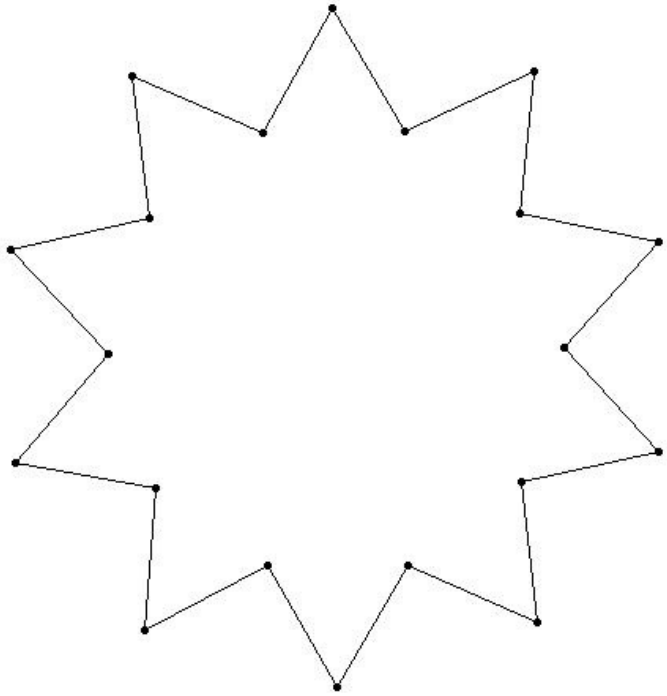
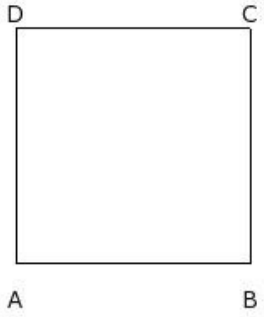
1. If the length between any two consecutive points is 8.9 cm, find the perimeter of the given figure



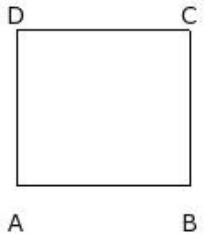
(i) 180.00 cm (ii) 177.00 cm (iii) 178.00 cm (iv) 176.00 cm (v) 179.00 cm

2. If the perimeter of a square is 56.00 cm, the area of the square =



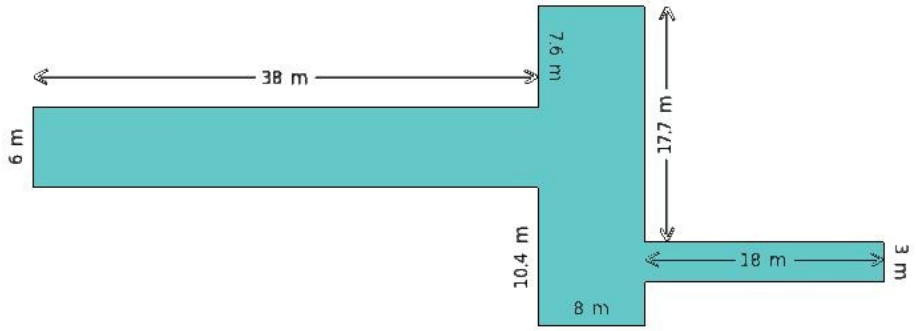
(i) 199.00 sq.cm (ii) 171.00 sq.cm (iii) 214.00 sq.cm (iv) 180.00 sq.cm (v) 196.00 sq.cm

3. If the breadth and perimeter of a rectangle are 9.00 cm and 38.00 cm respectively, the length of the rectangle =



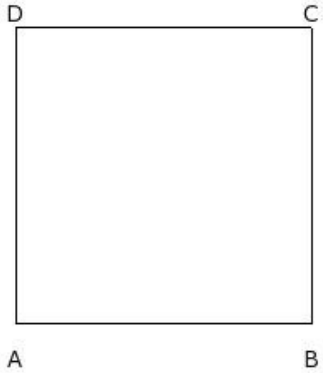
(i) 10.00 cm (ii) 15.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 13.00 cm

4. Find the area of the shaded region given below



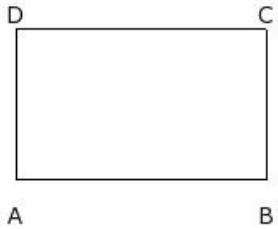
(i) 446.00 sq.m (ii) 489.00 sq.m (iii) 458.00 sq.m (iv) 474.00 sq.m (v) 498.00 sq.m

5. If the area of a square is 324.00 sq.cm, the side of the square =



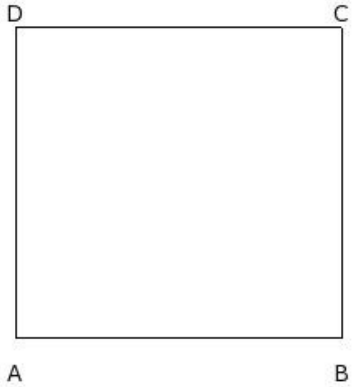
(i) 21.00 cm (ii) 18.00 cm (iii) 23.00 cm (iv) 13.00 cm (v) 15.00 cm

6. If the perimeter and area of a rectangle are 48.00 cm and 135.00 sq.cm respectively, the length of the rectangle =



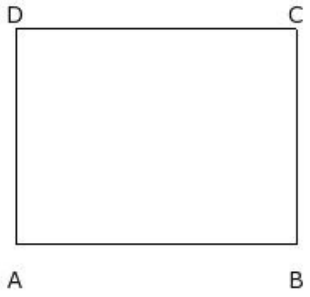
(i) 20.00 cm (ii) 18.00 cm (iii) 12.00 cm (iv) 15.00 cm (v) 10.00 cm

7. If the breadth and area of a rectangle are 19.00 cm and 380.00 sq.cm respectively, the length of the rectangle =



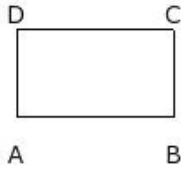
(i) 15.00 cm (ii) 17.00 cm (iii) 23.00 cm (iv) 25.00 cm (v) 20.00 cm

8. If the breadth and perimeter of a rectangle are 13.00 cm and 60.00 cm respectively, the area of the rectangle =



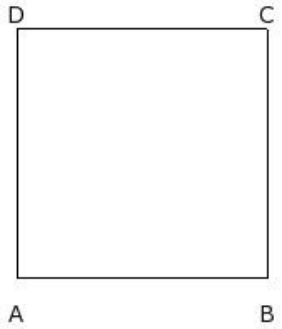
(i) 221.00 sq.cm (ii) 248.00 sq.cm (iii) 225.00 sq.cm (iv) 197.00 sq.cm (v) 214.00 sq.cm

9. If the length and breadth of a rectangle are 9.00 cm and 5.00 cm respectively, the perimeter of the rectangle =



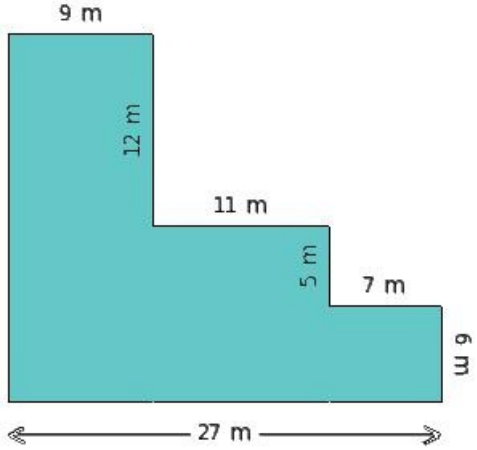
(i) 31.00 cm (ii) 23.00 cm (iii) 28.00 cm (iv) 33.00 cm (v) 25.00 cm

10. If the area of a square is 225.00 sq.cm, the perimeter of the square =



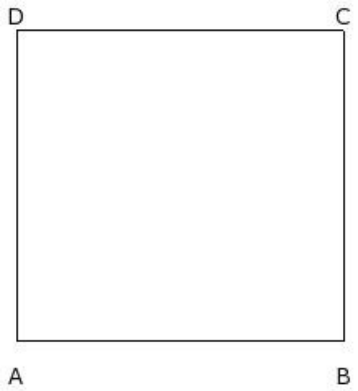
(i) 57.00 cm (ii) 60.00 cm (iii) 63.00 cm (iv) 55.00 cm (v) 65.00 cm

11. Find the area of the shaded region given below



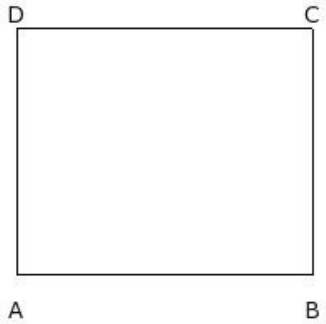
(i) 386.00 sq.m (ii) 345.00 sq.m (iii) 356.00 sq.m (iv) 387.00 sq.m (v) 370.00 sq.m

12. If the length and area of a rectangle are 20.00 cm and 380.00 sq.cm respectively, the perimeter of the rectangle =



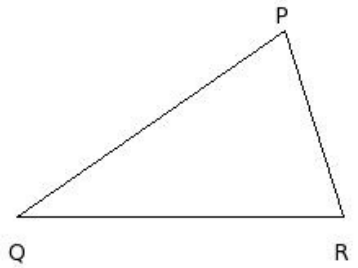
(i) 75.00 cm (ii) 81.00 cm (iii) 78.00 cm (iv) 73.00 cm (v) 83.00 cm

13. If the breadth and area of a rectangle are 15.00 cm and 270.00 sq.cm respectively, the perimeter of the rectangle =



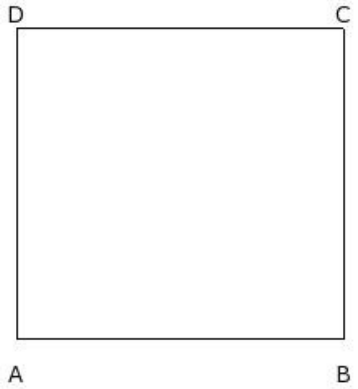
(i) 69.00 cm (ii) 63.00 cm (iii) 61.00 cm (iv) 66.00 cm (v) 71.00 cm

14. In △PQR, if QR = 20 cm, RP = 12 cm and perimeter = 52 cm, then side PQ =



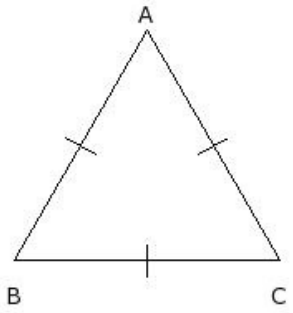
(i) 23.00 cm (ii) 20.00 cm (iii) 17.00 cm (iv) 25.00 cm (v) 15.00 cm

15. If the length and perimeter of a rectangle are 20.00 cm and 78.00 cm respectively, the area of the rectangle =



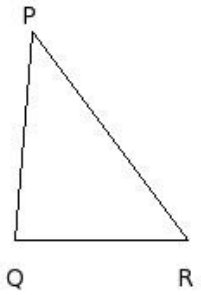
(i) 394.00 sq.cm (ii) 380.00 sq.cm (iii) 367.00 sq.cm (iv) 364.00 sq.cm (v) 383.00 sq.cm

16. If area of an equilateral triangle is 110.85 sq.cm, the perimeter of the equilateral triangle =



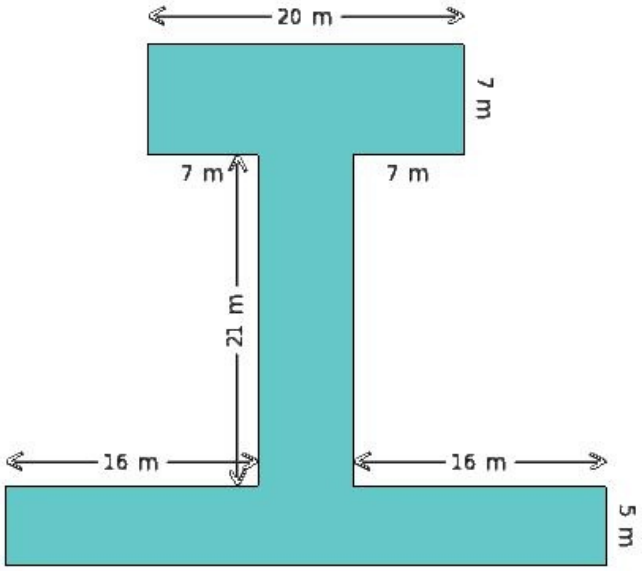
(i) 53.00 cm (ii) 43.00 cm (iii) 48.00 cm (iv) 51.00 cm (v) 45.00 cm

17. In △PQR, if QR = 10 cm, RP = 15 cm and perimeter = 37 cm, then area of the triangle =



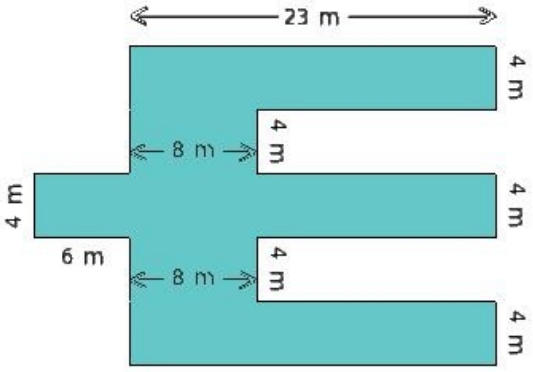
(i) 56.81 sq.cm (ii) 59.81 sq.cm (iii) 54.81 sq.cm (iv) 62.81 sq.cm (v) 64.81 sq.cm

18. Find the perimeter of the shaded region given below



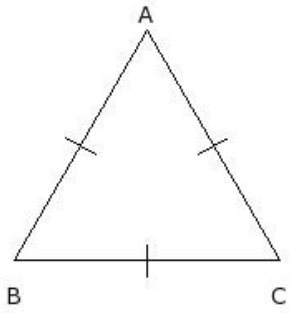
(i) 156.00 m (ii) 170.00 m (iii) 198.00 m (iv) 177.00 m (v) 145.00 m

19. Find the perimeter of the shaded region given below



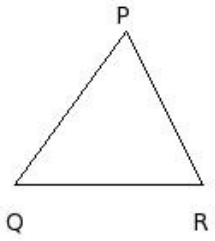
(i) 183.00 m (ii) 156.00 m (iii) 158.00 m (iv) 174.00 m (v) 131.00 m

20. If perimeter of an equilateral triangle 48 cm, the side of the equilateral triangle =



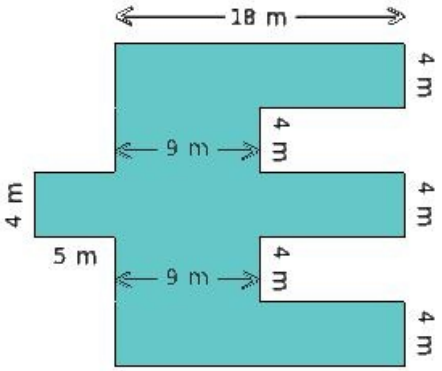
(i) 21.00 cm (ii) 19.00 cm (iii) 16.00 cm (iv) 11.00 cm (v) 13.00 cm

21. In △PQR, if QR = 11 cm, RP = 10 cm, PQ = 11 cm, then perimeter of the triangle =



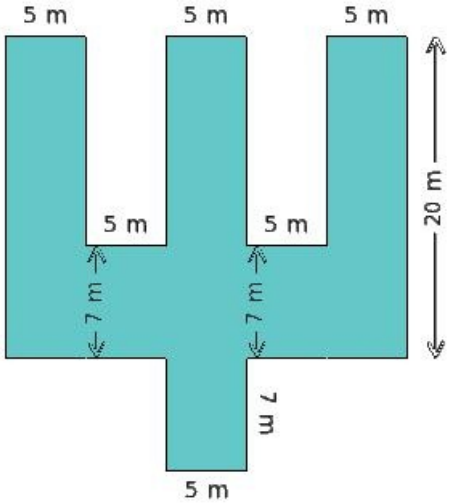
(i) 37.00 cm (ii) 27.00 cm (iii) 29.00 cm (iv) 32.00 cm (v) 35.00 cm

22. Find the area of the shaded region given below



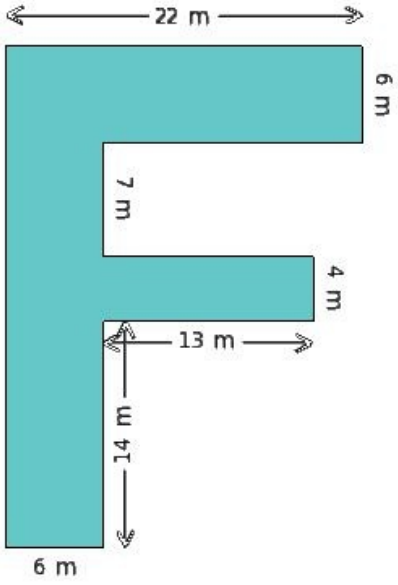
(i) 323.00 sq.m (ii) 308.00 sq.m (iii) 291.00 sq.m (iv) 304.00 sq.m (v) 330.00 sq.m

23. Find the perimeter of the shaded region given below



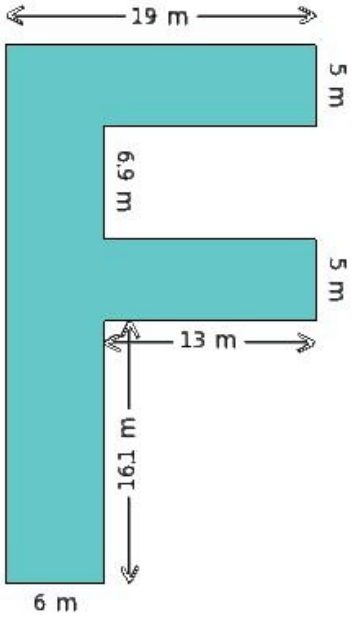
(i) 168.00 m (ii) 156.00 m (iii) 151.00 m (iv) 139.00 m (v) 182.00 m

24. Find the area of the shaded region given below



(i) 349.00 sq.m (ii) 312.00 sq.m (iii) 334.00 sq.m (iv) 348.00 sq.m (v) 327.00 sq.m

25. Find the perimeter of the shaded region given below



(i) 105.00 m (ii) 158.00 m (iii) 130.00 m (iv) 116.00 m (v) 134.00 m

Assignment Key

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

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