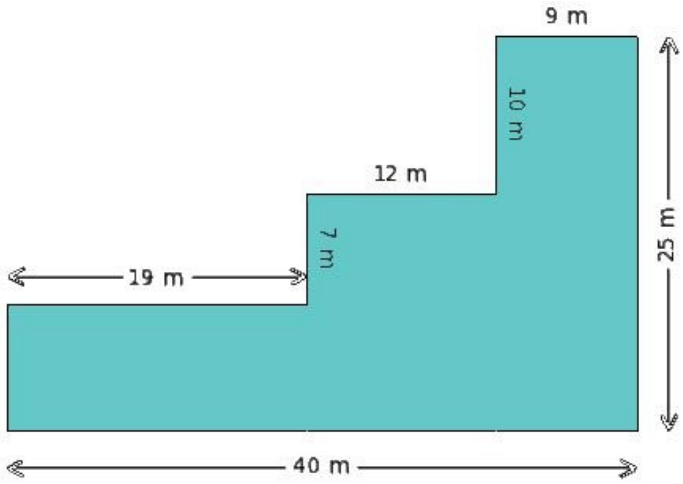
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Perimeter and Area of Plane Figures

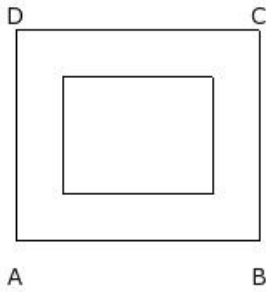
Grade : ICSE Grade VI

1. Find the perimeter of the shaded region given below



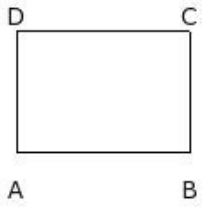
(i) 114.00 m (ii) 130.00 m (iii) 148.00 m (iv) 115.00 m (v) 132.00 m

2. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 9.00 cm, 12.60 cm and 63.00 sq.cm respectively, the area of the rectangular path =



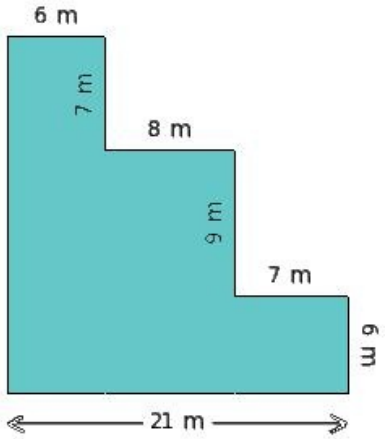
(i) 108.96 sq.cm (ii) 96.96 sq.cm (iii) 137.96 sq.cm (iv) 120.96 sq.cm (v) 132.96 sq.cm

3. If the length and area of a rectangle are 10.00 cm and 70.00 sq.cm respectively, the perimeter of the rectangle =



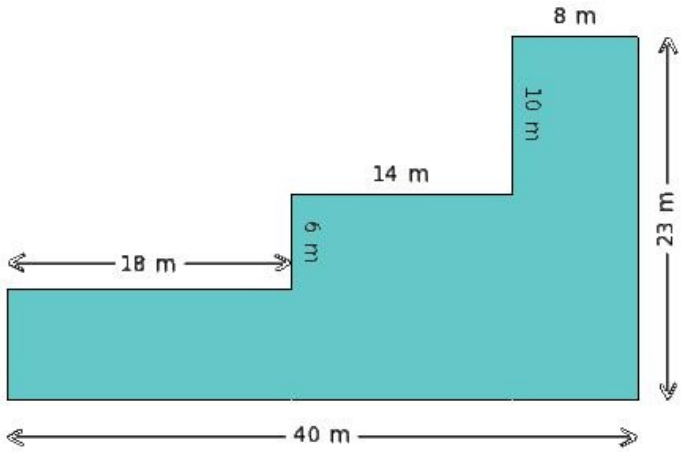
(i) 34.00 cm (ii) 39.00 cm (iii) 37.00 cm (iv) 31.00 cm (v) 29.00 cm

4. Find the area of the shaded region given below



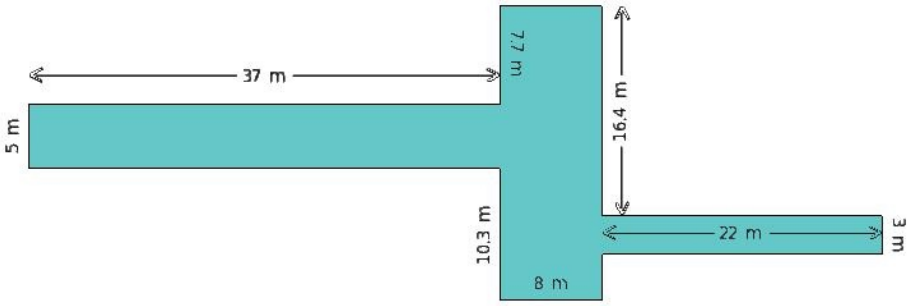
(i) 309.00 sq.m (ii) 281.00 sq.m (iii) 318.00 sq.m (iv) 294.00 sq.m (v) 280.00 sq.m

5. Find the area of the shaded region given below



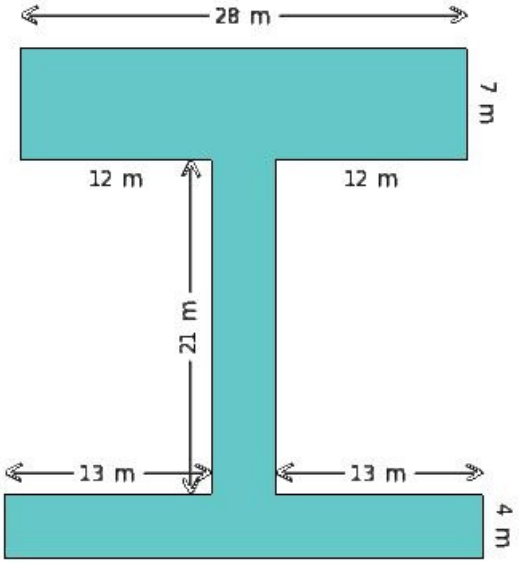
(i) 476.00 sq.m (ii) 495.00 sq.m (iii) 492.00 sq.m (iv) 516.00 sq.m (v) 474.00 sq.m

6. Find the perimeter of the shaded region given below



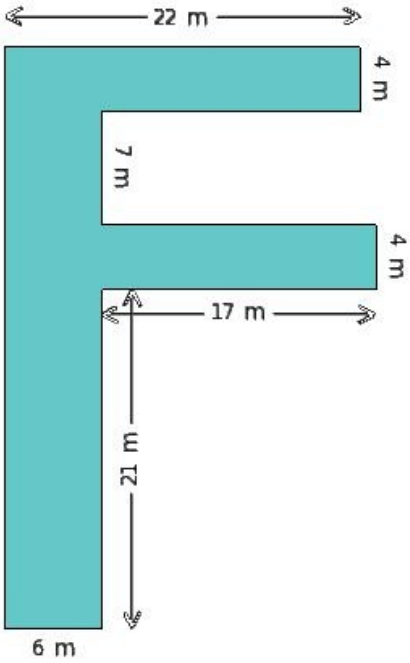
(i) 197.00 m (ii) 185.00 m (iii) 166.00 m (iv) 180.00 m (v) 163.00 m

7. Find the perimeter of the shaded region given below



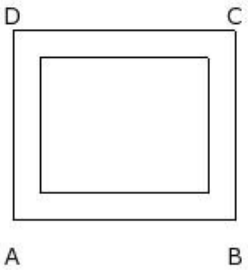
(i) 158.00 m (ii) 179.00 m (iii) 157.00 m (iv) 172.00 m (v) 196.00 m

8. Find the area of the shaded region given below



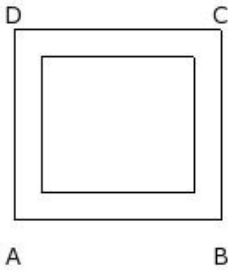
(i) 348.00 sq.m (ii) 363.00 sq.m (iii) 361.00 sq.m (iv) 324.00 sq.m (v) 345.00 sq.m

9. If the inner length, outer breadth and width of a rectangular path are 10.00 cm, 11.20 cm and 1.60 cm respectively, the area of the rectangular path =



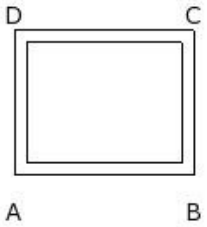
(i) 70.84 sq.cm (ii) 64.84 sq.cm (iii) 62.84 sq.cm (iv) 67.84 sq.cm (v) 72.84 sq.cm

10. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 9.00 cm, 8.00 cm, 12.20 cm and 11.20 cm respectively, the area of the rectangular path =



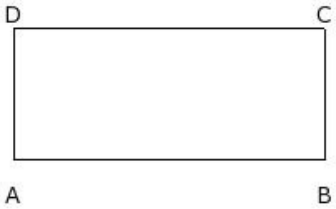
(i) 69.64 sq.cm (ii) 67.64 sq.cm (iii) 59.64 sq.cm (iv) 61.64 sq.cm (v) 64.64 sq.cm

11. If the outer length, outer breadth and width of a rectangular path are 10.40 cm, 8.40 cm and 0.70 cm respectively, the area of the rectangular path =



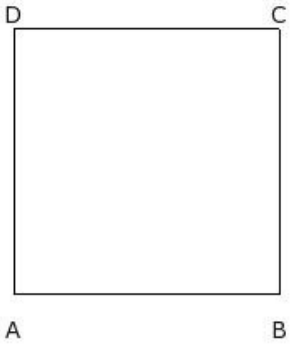
(i) 24.36 sq.cm (ii) 19.36 sq.cm (iii) 29.36 sq.cm (iv) 21.36 sq.cm (v) 27.36 sq.cm

12. If the length and breadth of a rectangle are 19.00 cm and 8.00 cm respectively, the area of the rectangle =



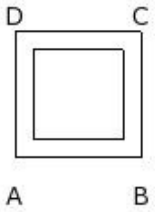
(i) 179.00 sq.cm (ii) 127.00 sq.cm (iii) 152.00 sq.cm (iv) 154.00 sq.cm (v) 140.00 sq.cm

13. If the side of a square is 16.00 cm, the perimeter of the square =



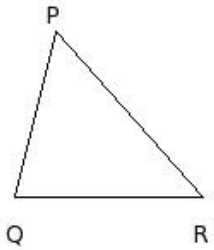
(i) 59.00 cm (ii) 61.00 cm (iii) 67.00 cm (iv) 69.00 cm (v) 64.00 cm

14. If the width of a square path is 1.00 cm and inner side is 5.00 cm, the area of the square path =



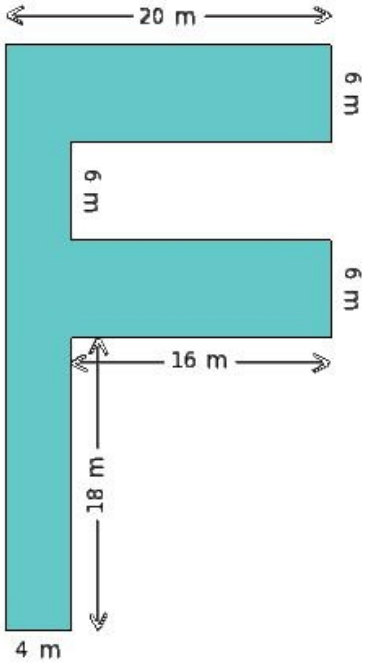
(i) 21.00 sq.cm (ii) 19.00 sq.cm (iii) 27.00 sq.cm (iv) 24.00 sq.cm (v) 29.00 sq.cm

15. In △PQR, if QR = 11 cm, RP = 13 cm, PQ = 10 cm, then perimeter of the triangle =



(i) 29.00 cm (ii) 34.00 cm (iii) 31.00 cm (iv) 37.00 cm (v) 39.00 cm

16. Find the perimeter of the shaded region given below

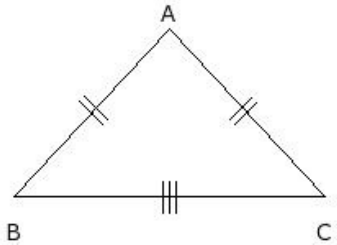


(i) 160.00 m (ii) 144.00 m (iii) 141.00 m (iv) 132.00 m (v) 148.00 m

17. 142506.2796 sq.cm =

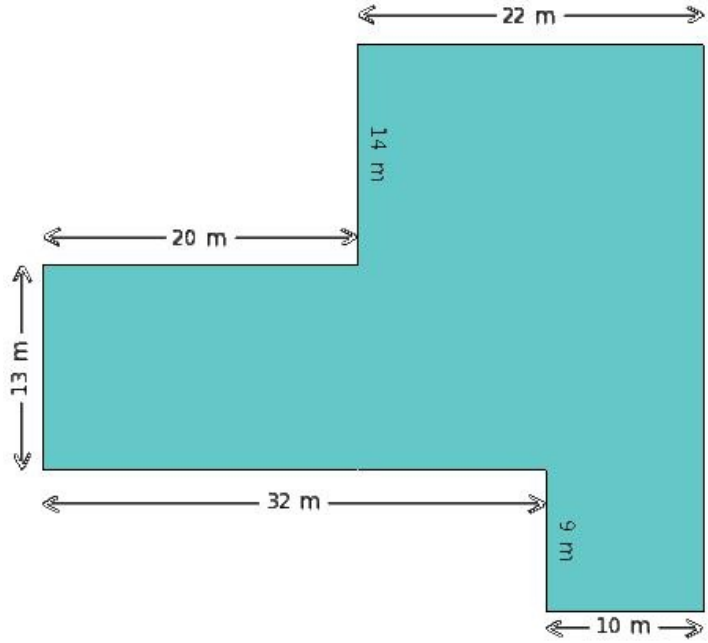
(i) 14.25063 sq.m (ii) 12.25063 sq.m (iii) 16.25063 sq.m (iv) 15.25063 sq.m (v) 13.25063 sq.m

18. In an isosceles triangle △ABC, if BC = 19 cm, AB = CA = 14 cm, then perimeter of the triangle =



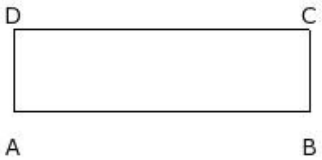
(i) 50.00 cm (ii) 47.00 cm (iii) 44.00 cm (iv) 52.00 cm (v) 42.00 cm

19. Find the perimeter of the shaded region given below



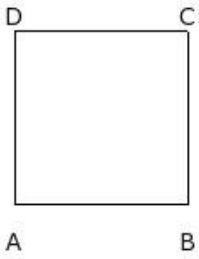
(i) 156.00 m (ii) 151.00 m (iii) 168.00 m (iv) 140.00 m

20. If the length and perimeter of a rectangle are 18.00 cm and 46.00 cm respectively, the area of the rectangle =



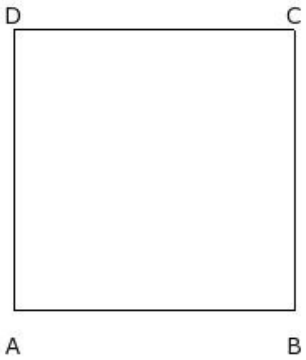
(i) 87.00 sq.cm (ii) 93.00 sq.cm (iii) 90.00 sq.cm (iv) 95.00 sq.cm (v) 85.00 sq.cm

21. If the side of a square is 10.00 cm, the area of the square =



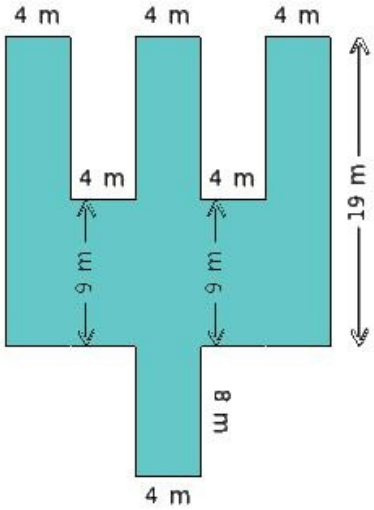
(i) 115.00 sq.cm (ii) 100.00 sq.cm (iii) 82.00 sq.cm (iv) 127.00 sq.cm (v) 86.00 sq.cm

22. If the perimeter of a square is 68.00 cm, the side of the square =



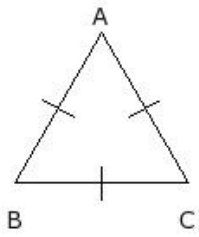
(i) 20.00 cm (ii) 22.00 cm (iii) 12.00 cm (iv) 14.00 cm (v) 17.00 cm

23. Find the perimeter of the shaded region given below



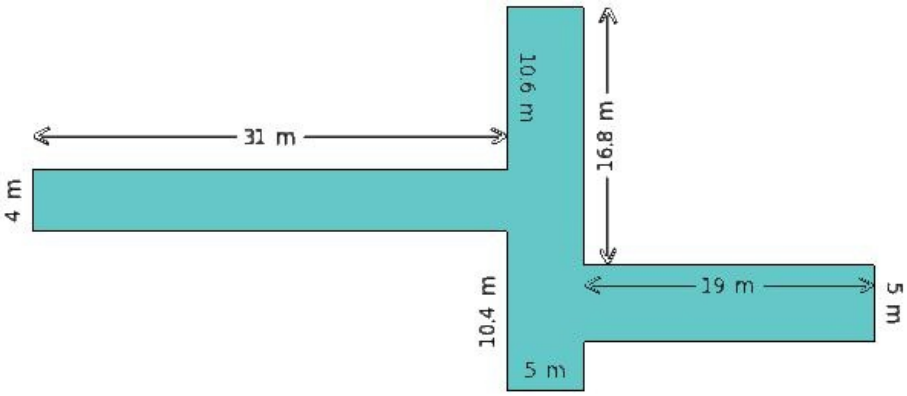
(i) 120.00 m (ii) 128.00 m (iii) 156.00 m (iv) 134.00 m (v) 152.00 m

24. If the side of an equilateral triangle is 10 cm, the perimeter of the equilateral triangle =



(i) 27.00 cm (ii) 35.00 cm (iii) 30.00 cm (iv) 33.00 cm (v) 25.00 cm

25. Find the area of the shaded region given below



(i) 344.00 sq.m (ii) 369.00 sq.m (iii) 350.00 sq.m (iv) 316.00 sq.m (v) 332.00 sq.m

Assignment Key

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