EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Perimeter and Area of Plane Figures

Grade : ICSE Grade VI

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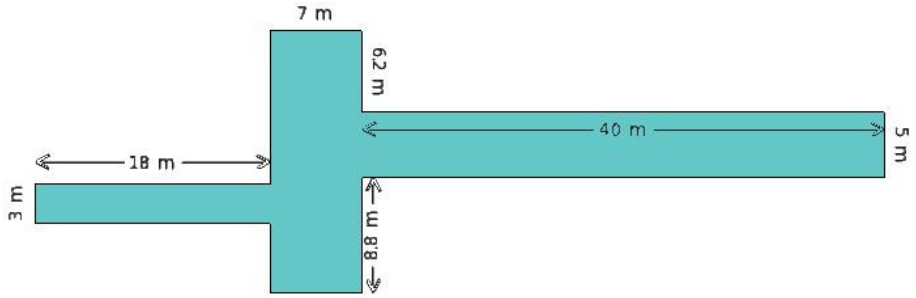
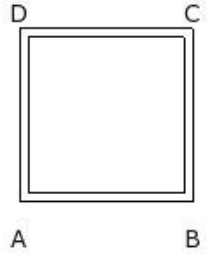
1. Find the perimeter of the shaded region given below



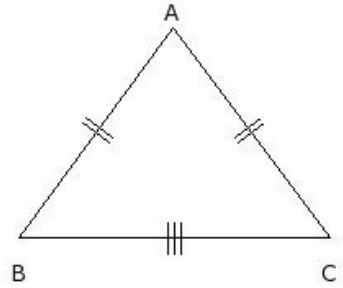
(i) 183.00 m (ii) 167.00 m (iii) 152.00 m (iv) 170.00 m (v) 198.00 m

2. If the width of a square path is 0.50 cm and inner side is 9.00 cm, the area of the square path =



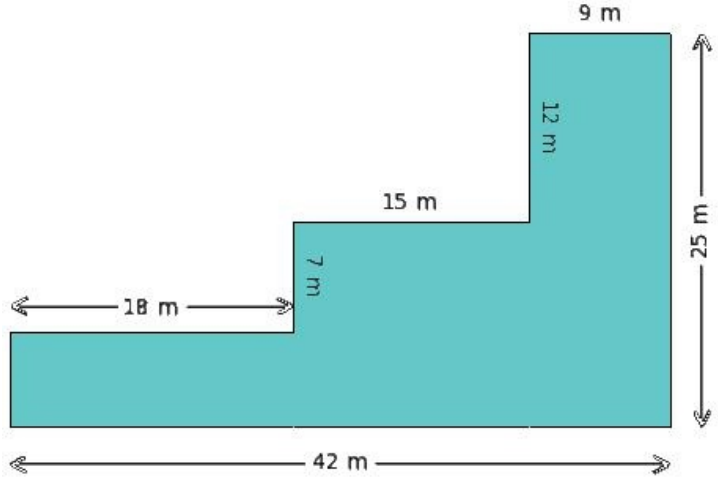
(i) 14.00 sq.cm (ii) 24.00 sq.cm (iii) 16.00 sq.cm (iv) 19.00 sq.cm (v) 22.00 sq.cm

3. In an isosceles triangle △ABC, if BC = 19 cm, CA = AB and perimeter is 51 cm, then side AB =



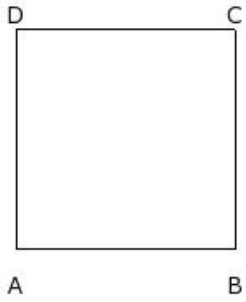
(i) 13.00 cm (ii) 16.00 cm (iii) 21.00 cm (iv) 11.00 cm (v) 19.00 cm

4. Find the area of the shaded region given below



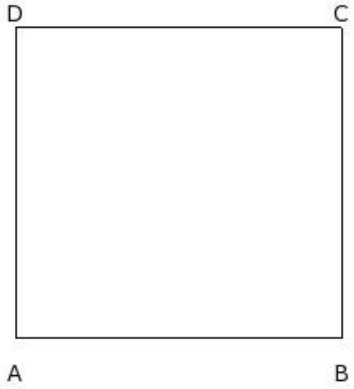
(i) 528.00 sq.m (ii) 550.00 sq.m (iii) 513.00 sq.m (iv) 535.00 sq.m (v) 504.00 sq.m

5. If the perimeter of a square is 52.00 cm, the side of the square =



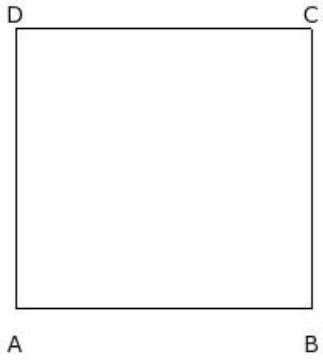
(i) 13.00 cm (ii) 8.00 cm (iii) 10.00 cm (iv) 16.00 cm (v) 18.00 cm

6. If the length and breadth of a rectangle are 20.00 cm and 19.00 cm respectively, the perimeter of the rectangle =



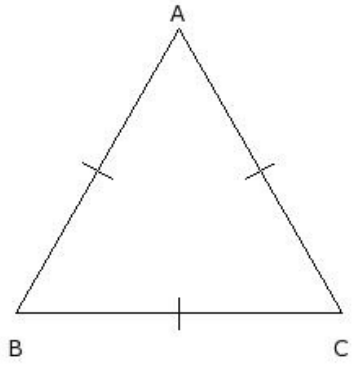
(i) 83.00 cm (ii) 81.00 cm (iii) 75.00 cm (iv) 78.00 cm (v) 73.00 cm

7. If the length and area of a rectangle are 18.00 cm and 306.00 sq.cm respectively, the perimeter of the rectangle =



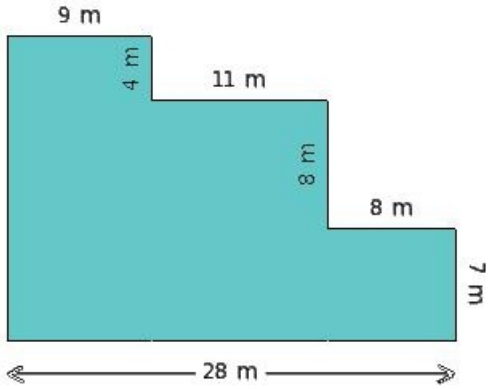
(i) 70.00 cm (ii) 73.00 cm (iii) 67.00 cm (iv) 65.00 cm (v) 75.00 cm

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



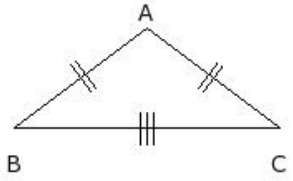
(i) 55.00 cm (ii) 60.00 cm (iii) 63.00 cm (iv) 65.00 cm (v) 57.00 cm

9. Find the area of the shaded region given below



(i) 410.00 sq.m (ii) 406.00 sq.m (iii) 380.00 sq.m (iv) 387.00 sq.m (v) 392.00 sq.m

10. In an isosceles triangle △ABC, if BC = 16 cm, AB = CA = 10 cm, then perimeter of the triangle =



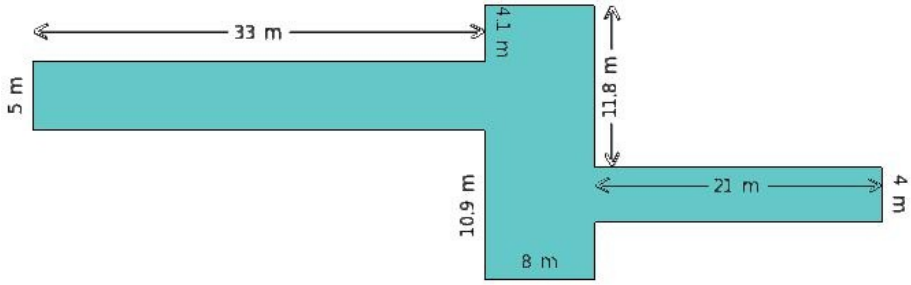
(i) 39.00 cm (ii) 41.00 cm (iii) 36.00 cm (iv) 33.00 cm (v) 31.00 cm

11. 13.2065 sq.cm =

(i) 1319.65000 sq.mm (ii) 1322.65000 sq.mm (iii) 1321.65000 sq.mm (iv) 1318.65000 sq.mm

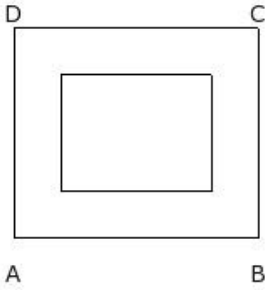
(v) 1320.65000 sq.mm

12. Find the perimeter of the shaded region given below



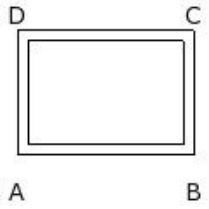
(i) 138.00 m (ii) 169.00 m (iii) 152.00 m (iv) 191.00 m (v) 164.00 m

13. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 9.00 cm, 7.00 cm, 14.60 cm and 12.60 cm respectively, the width of the rectangular path =



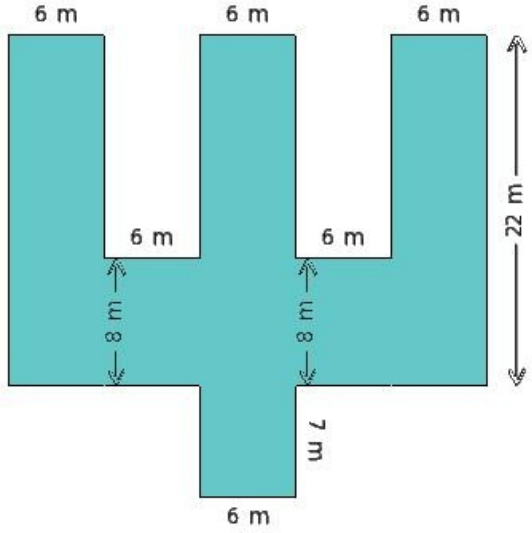
(i) 1.80 cm (ii) 2.80 cm (iii) 3.80 cm (iv) 4.80 cm (v) 0.80 cm

14. If the outer length, outer breadth and width of a rectangular path are 10.20 cm, 7.20 cm and 0.60 cm respectively, the area of the rectangular path =



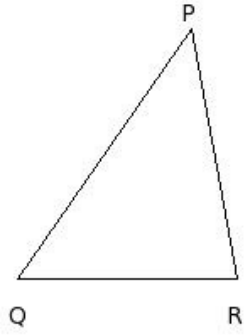
(i) 16.44 sq.cm (ii) 24.44 sq.cm (iii) 22.44 sq.cm (iv) 14.44 sq.cm (v) 19.44 sq.cm

15. Find the perimeter of the shaded region given below



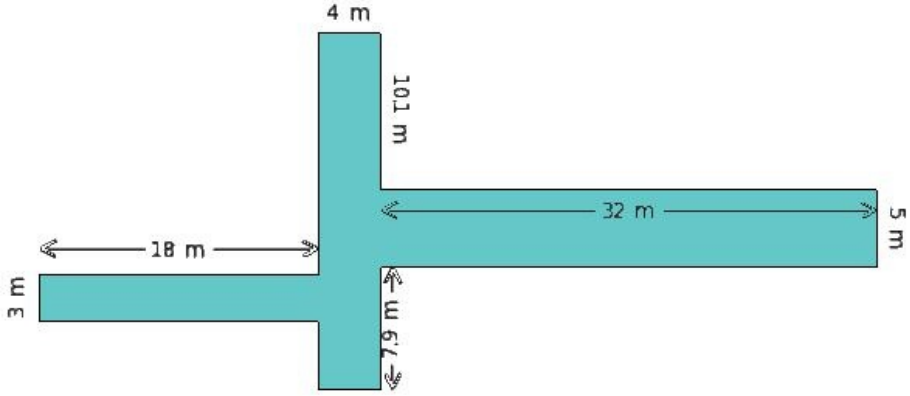
(i) 174.00 m (ii) 149.00 m (iii) 182.00 m (iv) 167.00 m (v) 190.00 m

16. In △PQR, if QR = 13 cm, RP = 15 cm, PQ = 18 cm, then perimeter of the triangle =



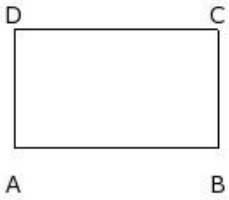
(i) 41.00 cm (ii) 46.00 cm (iii) 43.00 cm (iv) 49.00 cm (v) 51.00 cm

17. Find the area of the shaded region given below



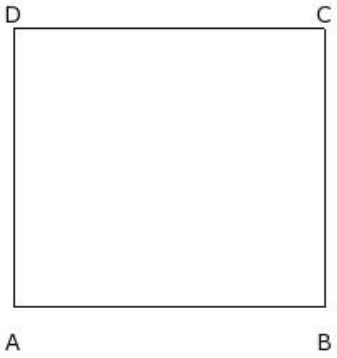
(i) 318.00 sq.m (ii) 291.00 sq.m (iii) 329.00 sq.m (iv) 306.00 sq.m (v) 290.00 sq.m

18. If the length and area of a rectangle are 12.00 cm and 84.00 sq.cm respectively, the breadth of the rectangle =



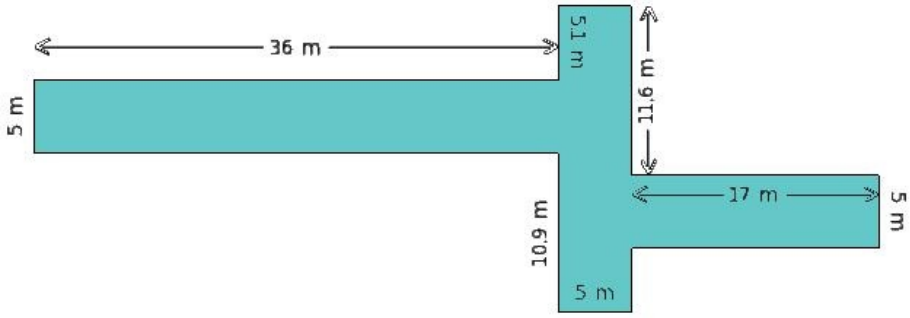
(i) 6.00 cm (ii) 8.00 cm (iii) 5.00 cm (iv) 7.00 cm (v) 9.00 cm

19. If the length and breadth of a rectangle are 19.00 cm and 17.00 cm respectively, the area of the rectangle =



(i) 309.00 sq.cm (ii) 308.00 sq.cm (iii) 323.00 sq.cm (iv) 339.00 sq.cm (v) 345.00 sq.cm

20. Find the area of the shaded region given below



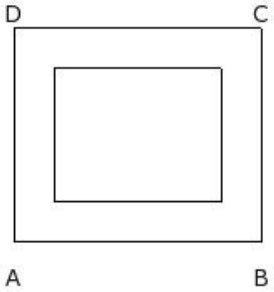
(i) 378.00 sq.m (ii) 370.00 sq.m (iii) 346.00 sq.m (iv) 352.00 sq.m (v) 395.00 sq.m

21. 0.0660 sq.m =

(i) 661.00000 sq.cm (ii) 658.00000 sq.cm (iii) 660.00000 sq.cm (iv) 662.00000 sq.cm

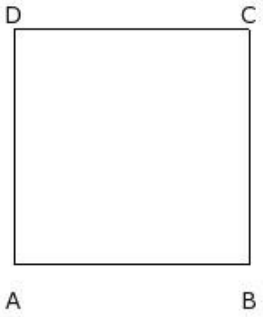
(v) 659.00000 sq.cm

22. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 10.00 cm, 12.80 cm and 80.00 sq.cm respectively, the area of the rectangular path =



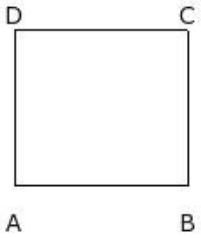
(i) 127.44 sq.cm (ii) 109.44 sq.cm (iii) 102.44 sq.cm (iv) 85.44 sq.cm

23. If the area of a square is 196.00 sq.cm, the side of the square =



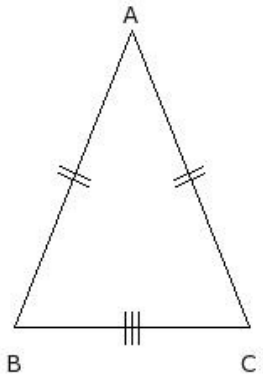
(i) 19.00 cm (ii) 14.00 cm (iii) 9.00 cm (iv) 17.00 cm (v) 11.00 cm

24. If the breadth and area of a rectangle are 9.00 cm and 90.00 sq.cm respectively, the perimeter of the rectangle =



(i) 33.00 cm (ii) 43.00 cm (iii) 41.00 cm (iv) 35.00 cm (v) 38.00 cm

25. In an isosceles triangle △ABC, if BC = 14 cm, CA = AB and perimeter is 52 cm, then side CA =



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

Assignment Key

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

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