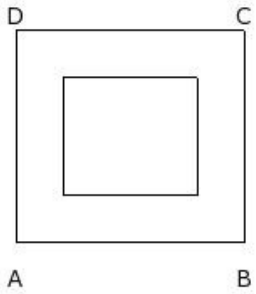
EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Perimeter and Area

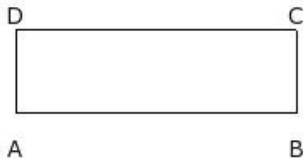
Grade : ICSE Grade VII

1. If the inner length, inner breadth, outer length and outer breadth of a rectangular path are 8.00 cm, 7.00 cm, 13.60 cm and 12.60 cm respectively, the width of the rectangular path =



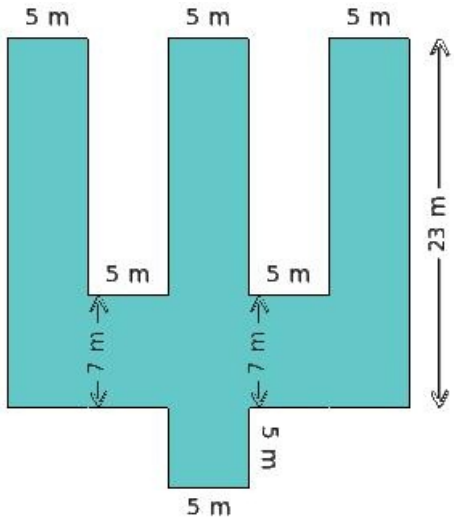
(i) 2.80 cm (ii) 0.80 cm (iii) 3.80 cm (iv) 4.80 cm (v) 1.80 cm

2. If the breadth and perimeter of a rectangle are 5.00 cm and 44.00 cm respectively, the area of the rectangle =



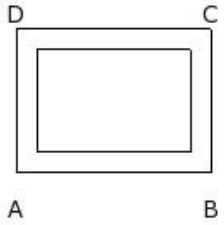
(i) 88.00 sq.cm (ii) 82.00 sq.cm (iii) 80.00 sq.cm (iv) 90.00 sq.cm (v) 85.00 sq.cm

3. Find the area of the shaded region given below



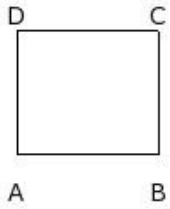
(i) 440.00 sq.m (ii) 425.00 sq.m (iii) 433.00 sq.m (iv) 458.00 sq.m (v) 466.00 sq.m

4. If the inner length, inner breadth and width of a rectangular path are 9.00 cm, 6.00 cm and 1.20 cm respectively, the outer length of the rectangular path =



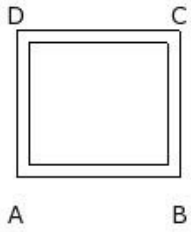
(i) 16.40 cm (ii) 11.40 cm (iii) 8.40 cm (iv) 6.40 cm (v) 14.40 cm

5. If the length and breadth of a rectangle are 8.00 cm and 7.00 cm respectively, the perimeter of the rectangle =



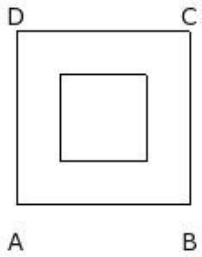
(i) 30.00 cm (ii) 27.00 cm (iii) 33.00 cm (iv) 35.00 cm (v) 25.00 cm

6. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 8.00 cm, 8.40 cm and 56.00 sq.cm respectively, the width of the rectangular path =



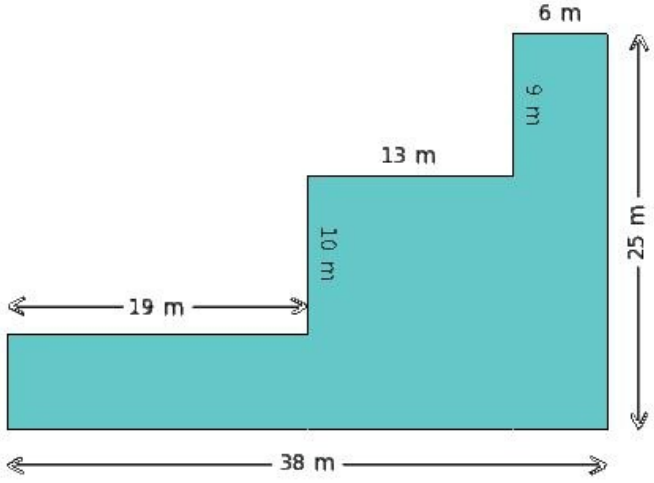
(i) 8.70 cm (ii) 2.70 cm (iii) 0.70 cm (iv) 7.70 cm (v) 1.70 cm

7. If the width of a square path is 2.50 cm and inner side is 5.00 cm, the area of the square path =



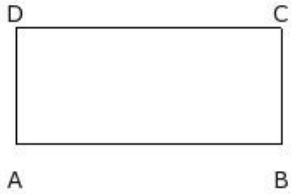
(i) 80.00 sq.cm (ii) 70.00 sq.cm (iii) 78.00 sq.cm (iv) 75.00 sq.cm (v) 72.00 sq.cm

8. Find the area of the shaded region given below



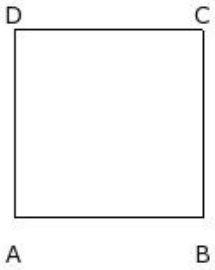
(i) 474.00 sq.m (ii) 466.00 sq.m (iii) 455.00 sq.m (iv) 487.00 sq.m (v) 472.00 sq.m

9. If the breadth and area of a rectangle are 7.00 cm and 112.00 sq.cm respectively, the length of the rectangle =



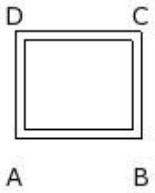
(i) 21.00 cm (ii) 13.00 cm (iii) 11.00 cm (iv) 19.00 cm (v) 16.00 cm

10. If the area of a square is 121.00 sq.cm, the side of the square =



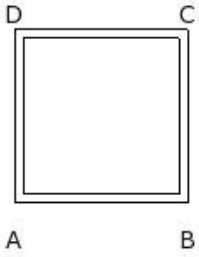
(i) 8.00 cm (ii) 11.00 cm (iii) 14.00 cm (iv) 6.00 cm (v) 16.00 cm

11. If the inner length, outer breadth and area of the outer rectangle of a rectangular path are 6.00 cm, 6.00 cm and 42.00 sq.cm respectively, the area of the rectangular path =



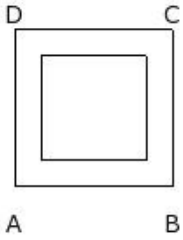
(i) 9.00 sq.cm (ii) 12.00 sq.cm (iii) 7.00 sq.cm (iv) 15.00 sq.cm (v) 17.00 sq.cm

12. If the inner side of a square path is 9.00 cm and area of the square path is 19.00 sq.cm, the outer side of the square path =



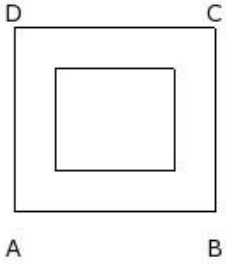
(i) 7.00 cm (ii) 15.00 cm (iii) 5.00 cm (iv) 13.00 cm (v) 10.00 cm

13. If the outer and inner sides of a square path are 9.00 cm and 6.00 cm respectively, the width of the square path =



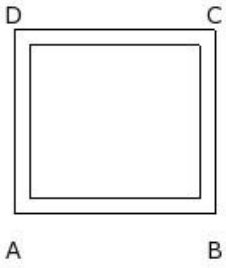
(i) 1.50 cm (ii) 2.50 cm (iii) 9.50 cm (iv) 3.50 cm (v) 0.50 cm

14. If the inner length, inner breadth and width of a rectangular path are 7.00 cm, 6.00 cm and 2.40 cm respectively, the area of the rectangular path =



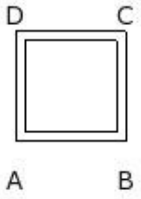
(i) 88.44 sq.cm (ii) 82.44 sq.cm (iii) 90.44 sq.cm (iv) 80.44 sq.cm (v) 85.44 sq.cm

15. If the outer length, inner breadth and width of a rectangular path are 11.80 cm, 9.00 cm and 0.90 cm respectively, the area of the rectangular path =



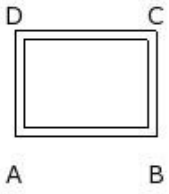
(i) 32.44 sq.cm (ii) 40.44 sq.cm (iii) 34.44 sq.cm (iv) 42.44 sq.cm (v) 37.44 sq.cm

16. If the inner side of a square path is 5.00 cm and area of the square path is 11.00 sq.cm, the width of the square path =



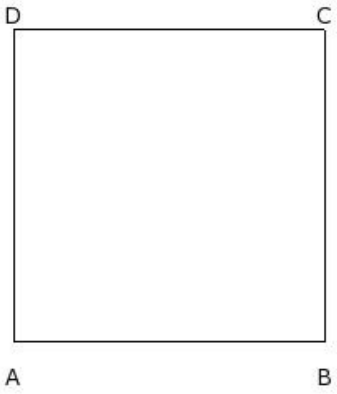
(i) 8.50 cm (ii) 7.50 cm (iii) 1.50 cm (iv) 2.50 cm (v) 0.50 cm

17. If the inner length, outer breadth and area of the outer rectangle of a rectangular path are 7.00 cm, 6.00 cm and 48.00 sq.cm respectively, the width of the rectangular path =



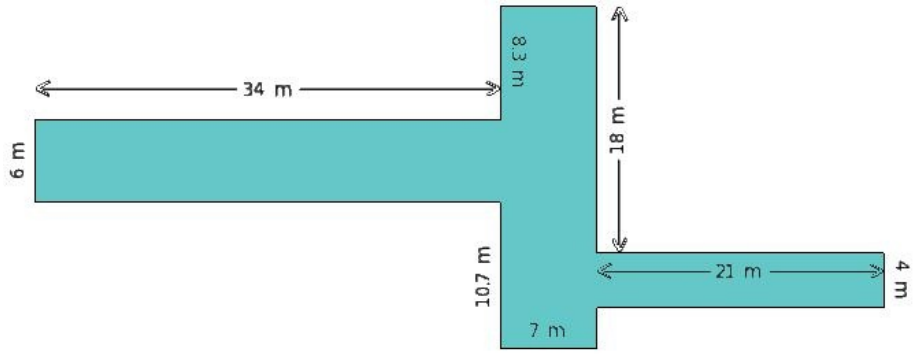
(i) 2.50 cm (ii) 0.50 cm (iii) 8.50 cm (iv) 7.50 cm (v) 1.50 cm

18. If the perimeter of a square is 76.00 cm, the side of the square =



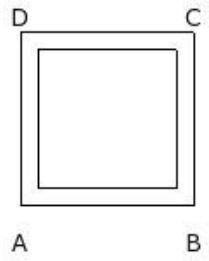
(i) 22.00 cm (ii) 16.00 cm (iii) 14.00 cm (iv) 19.00 cm (v) 24.00 cm

19. Find the area of the shaded region given below



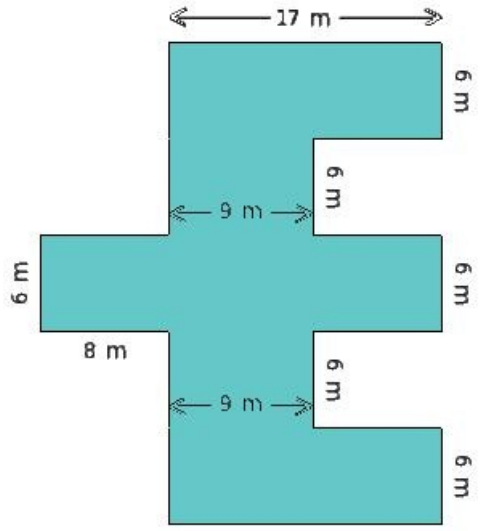
(i) 476.00 sq.m (ii) 450.00 sq.m (iii) 445.00 sq.m (iv) 469.00 sq.m (v) 463.00 sq.m

20. If the outer and inner sides of a square path are 10.00 cm and 8.00 cm respectively, the area of the square path =



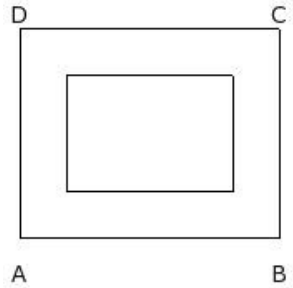
(i) 39.00 sq.cm (ii) 31.00 sq.cm (iii) 41.00 sq.cm (iv) 33.00 sq.cm (v) 36.00 sq.cm

21. Find the perimeter of the shaded region given below



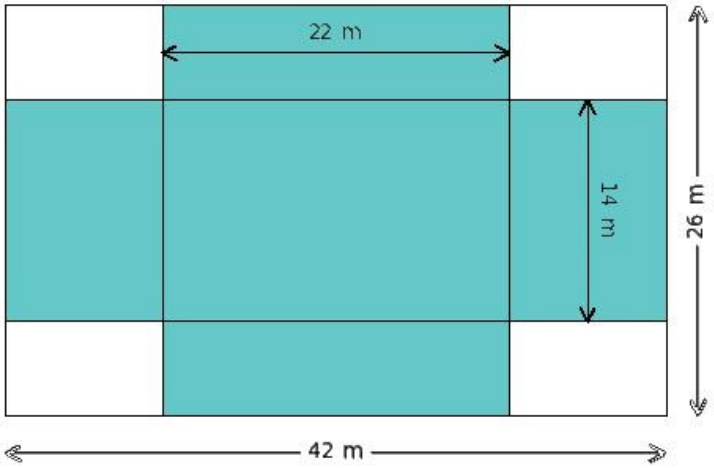
(i) 142.00 m (ii) 124.00 m (iii) 149.00 m (iv) 157.00 m

22. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 10.00 cm, 12.60 cm and 70.00 sq.cm respectively, the area of the rectangular path =



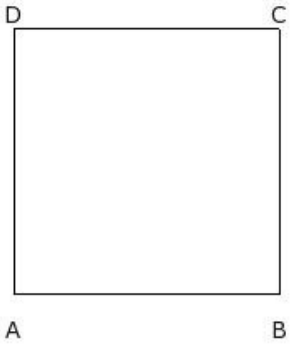
(i) 124.56 sq.cm (ii) 126.56 sq.cm (iii) 140.56 sq.cm (iv) 109.56 sq.cm (v) 152.56 sq.cm

23. A rectangular field is 42 m by 26 m. It has two paths through its centre, running parallel to its sides. The width of the longer and the shorter paths are 14 m and 22 m respectively. Find the total expense involved in laying tiles on the paths at ₹13.4 per 1 sq.m and laying grass in the remaining portion at ₹11.4 per 1 sq.m.



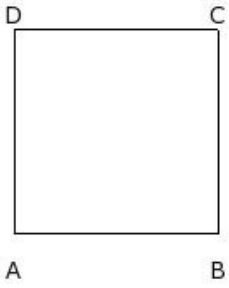
(i) ₹14154.80 (ii) ₹14152.80 (iii) ₹14150.80 (iv) ₹14153.80 (v) ₹14151.80

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



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

25. If the side of a square is 12.00 cm, the area of the square =



(i) 157.00 sq.cm (ii) 162.00 sq.cm (iii) 138.00 sq.cm (iv) 121.00 sq.cm (v) 144.00 sq.cm

Assignment Key

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