EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Perimeter and Area

Grade : CBSE Grade VII

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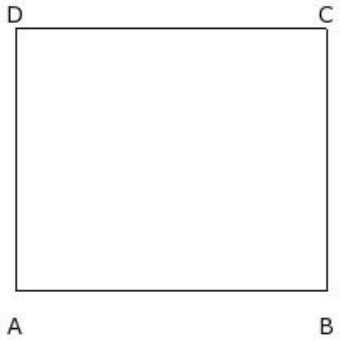
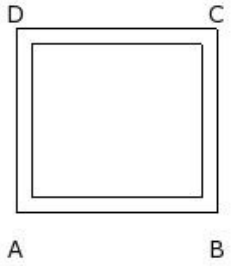
1. If the length and area of a rectangle are 19.00 cm and 304.00 sq.cm respectively, the perimeter of the rectangle =



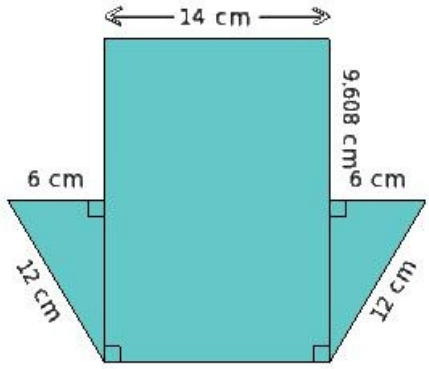
(i) 67.00 cm (ii) 65.00 cm (iii) 73.00 cm (iv) 75.00 cm (v) 70.00 cm

2. If the outer length, outer breadth and width of a rectangular path are 11.80 cm, 10.80 cm and 0.90 cm respectively, the inner length of the rectangular path =



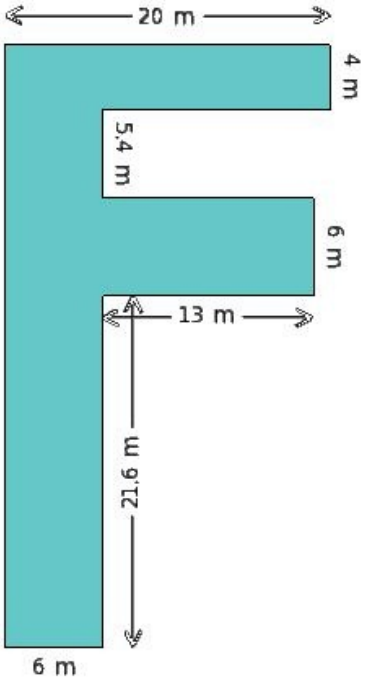
(i) 5.00 cm (ii) 7.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 10.00 cm

3. Find the area of the shaded region



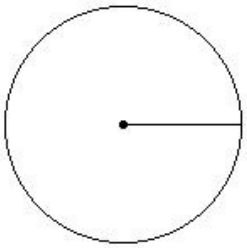
(i) 343.35 sq.cm (ii) 342.35 sq.cm (iii) 341.35 sq.cm (iv) 344.35 sq.cm (v) 340.35 sq.cm

4. Find the perimeter of the shaded region given below



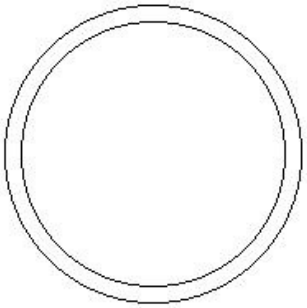
(i) 148.00 m (ii) 136.00 m (iii) 140.00 m (iv) 116.00 m (v) 168.00 m

5. If circumference of the circle is 44.00 cm, the radius of the circle is



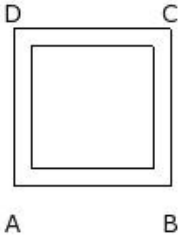
(i) 7.00 cm (ii) 9.00 cm (iii) 8.00 cm (iv) 6.00 cm (v) 5.00 cm

6. If the inner and outer radii of a ring are 8.00 cm and 9.00 cm respectively, the area of the ring is



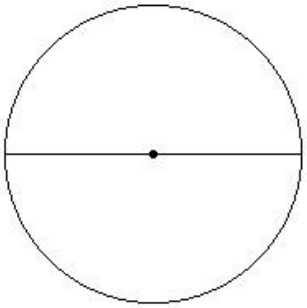
(i) 48.43 sq.cm (ii) 56.43 sq.cm (iii) 58.43 sq.cm (iv) 53.43 sq.cm (v) 50.43 sq.cm

7. If the outer side of a square path is 9.00 cm and area of the square path is 32.00 sq.cm, the width of the square path =



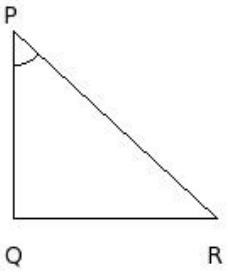
(i) 1.00 cm (ii) 9.00 cm (iii) 0.00 cm (iv) 2.00 cm (v) 3.00 cm

8. If diameter of the circle is 18.00 cm, the area of the circle is



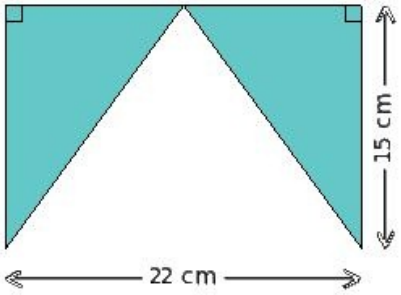
(i) 247.57 sq.cm (ii) 228.57 sq.cm (iii) 254.57 sq.cm (iv) 266.57 sq.cm (v) 259.57 sq.cm

9. In a right angled triangle △PQR, if QR = 12 cm, PQ = 11 cm are the lengths of perpendicular sides , then corresponding height of side PQ =



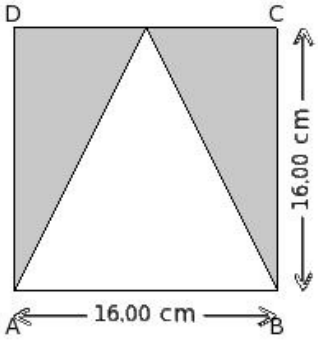
(i) 9.00 cm (ii) 17.00 cm (iii) 15.00 cm (iv) 7.00 cm (v) 12.00 cm

10. Find the area of the shaded region



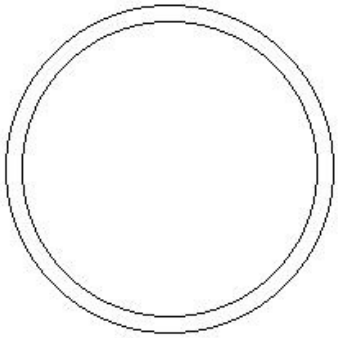
(i) 165.00 sq.cm (ii) 164.00 sq.cm (iii) 163.00 sq.cm (iv) 166.00 sq.cm (v) 167.00 sq.cm

11. In the given figure, the triangle inside the square is an isosceles triangle. Find the area of the shaded region



(i) 128.00 sq.cm (ii) 153.00 sq.cm (iii) 116.00 sq.cm (iv) 135.00 sq.cm

12. If the width of the ring is 1.00 cm and inner radius is 9.00 cm, the outer circle area is



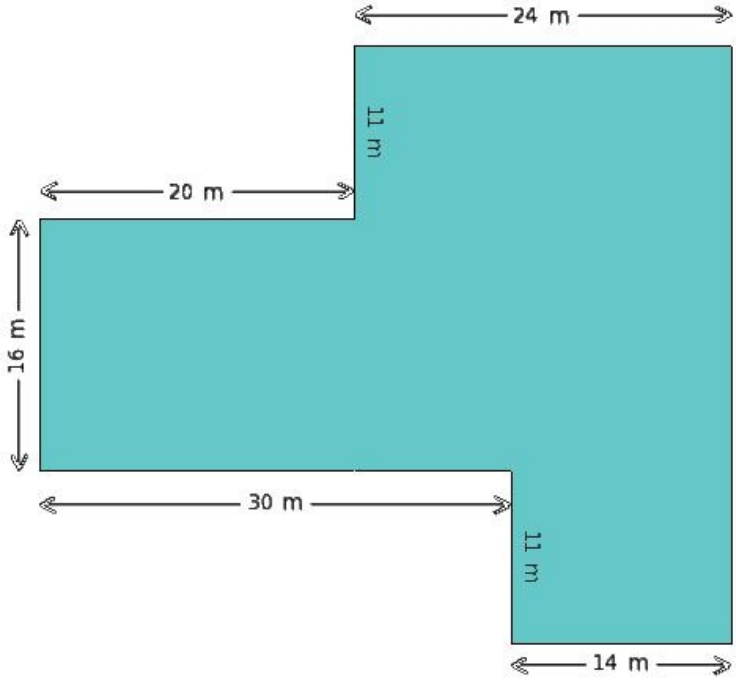
(i) 300.29 sq.cm (ii) 329.29 sq.cm (iii) 314.29 sq.cm (iv) 301.29 sq.cm (v) 342.29 sq.cm

13. 54.5809 hectares =

(i) 545810.00000 sq.m (ii) 545808.00000 sq.m (iii) 545809.00000 sq.m (iv) 545807.00000 sq.m

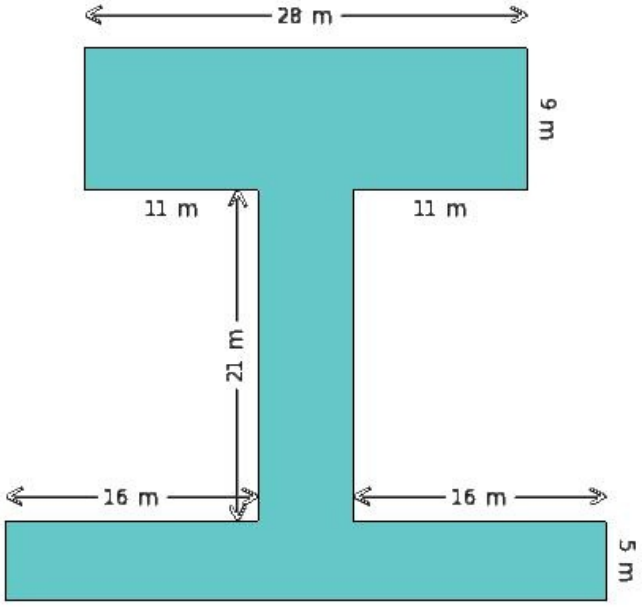
(v) 545811.00000 sq.m

14. Find the area of the shaded region given below



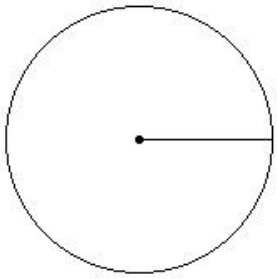
(i) 852.00 sq.m (ii) 982.00 sq.m (iii) 1282.00 sq.m (iv) 1242.00 sq.m (v) 1122.00 sq.m

15. Find the area of the shaded region given below



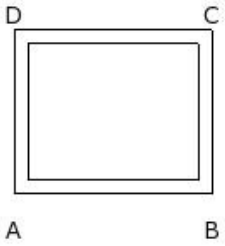
(i) 542.00 sq.m (ii) 590.00 sq.m (iii) 585.00 sq.m (iv) 563.00 sq.m (v) 568.00 sq.m

16. If radius of the circle is 8.00 cm, the area of the semicircle is



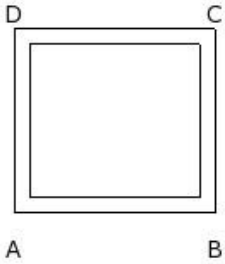
(i) 100.57 sq.cm (ii) 112.57 sq.cm (iii) 107.57 sq.cm (iv) 87.57 sq.cm (v) 94.57 sq.cm

17. If the outer length, inner breadth and width of a rectangular path are 11.60 cm, 8.00 cm and 0.80 cm respectively, the area of the rectangular path =



(i) 26.36 sq.cm (ii) 34.36 sq.cm (iii) 28.36 sq.cm (iv) 31.36 sq.cm (v) 36.36 sq.cm

18. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 10.00 cm, 10.80 cm and 90.00 sq.cm respectively, the area of the outer rectangle of the rectangular path =

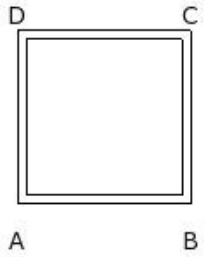


(i) 134.44 sq.cm (ii) 154.44 sq.cm (iii) 111.44 sq.cm (iv) 127.44 sq.cm (v) 109.44 sq.cm

19. 669194.3973 sq.cm =

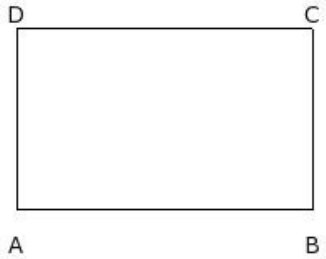
(i) 67.91944 sq.m (ii) 64.91944 sq.m (iii) 65.91944 sq.m (iv) 68.91944 sq.m (v) 66.91944 sq.m

20. If the areas of inner and outer squares of a square path are 81.00 sq.cm and 100.00 sq.cm respectively, the area of the square path =



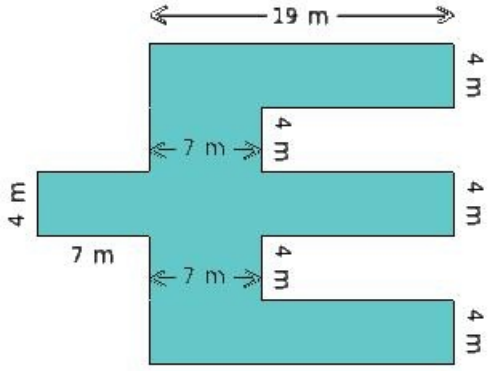
(i) 19.00 sq.cm (ii) 16.00 sq.cm (iii) 22.00 sq.cm (iv) 14.00 sq.cm (v) 24.00 sq.cm

21. If the breadth and area of a rectangle are 11.00 cm and 198.00 sq.cm respectively, the length of the rectangle =



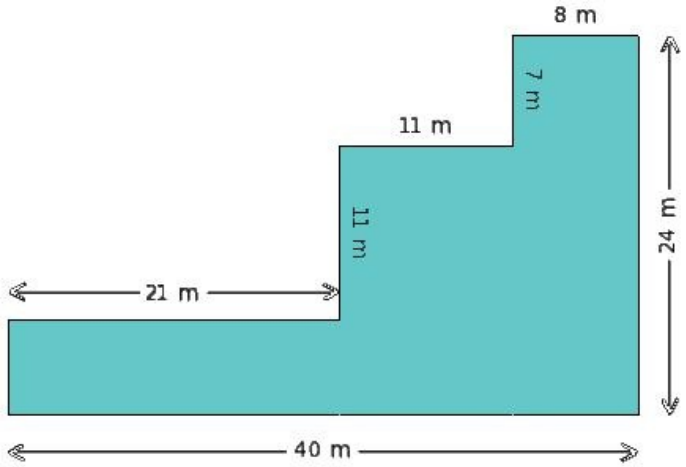
(i) 15.00 cm (ii) 13.00 cm (iii) 18.00 cm (iv) 23.00 cm (v) 21.00 cm

22. Find the area of the shaded region given below



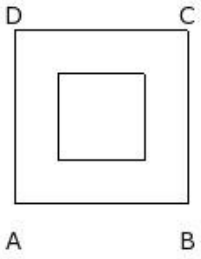
(i) 285.00 sq.m (ii) 330.00 sq.m (iii) 312.00 sq.m (iv) 298.00 sq.m

23. Find the area of the shaded region given below



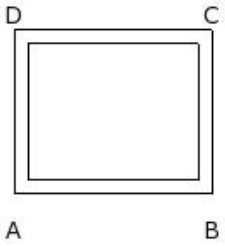
(i) 491.00 sq.m (ii) 530.00 sq.m (iii) 512.00 sq.m (iv) 493.00 sq.m (v) 505.00 sq.m

24. 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) 75.00 sq.cm (ii) 70.00 sq.cm (iii) 72.00 sq.cm (iv) 80.00 sq.cm (v) 78.00 sq.cm

25. If the inner length, outer breadth and area of the inner rectangle of a rectangular path are 10.00 cm, 9.60 cm and 80.00 sq.cm respectively, the width of the rectangular path =



(i) 2.80 cm (ii) 1.80 cm (iii) 8.80 cm (iv) 7.80 cm (v) 0.80 cm

Assignment Key

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

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