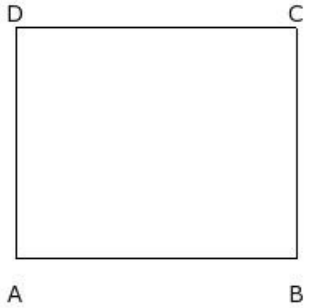
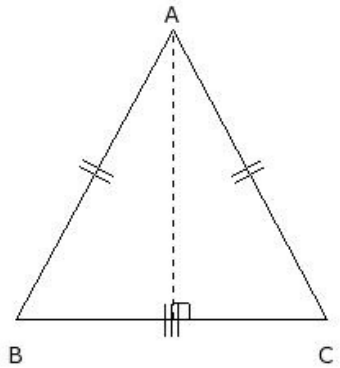
1. If the perimeter and area of a rectangle are 62.00 cm and 238.00 sq.cm respectively, the breadth of the rectangle =



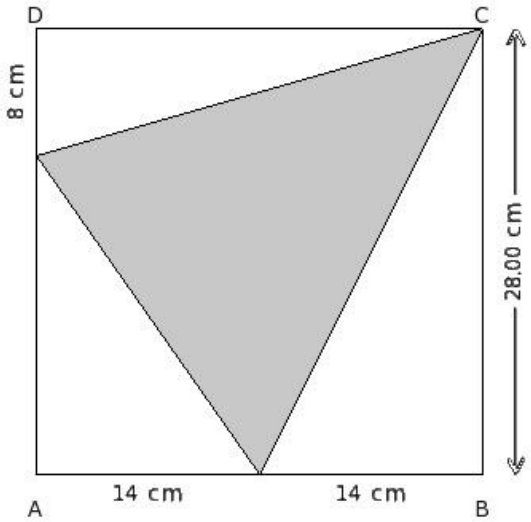
(i) 11.00 cm (ii) 9.00 cm (iii) 17.00 cm (iv) 14.00 cm (v) 19.00 cm

2. In an isosceles triangle △ABC, if base BC = 19 cm and the corresponding height is 17.6 cm, then area of the triangle =



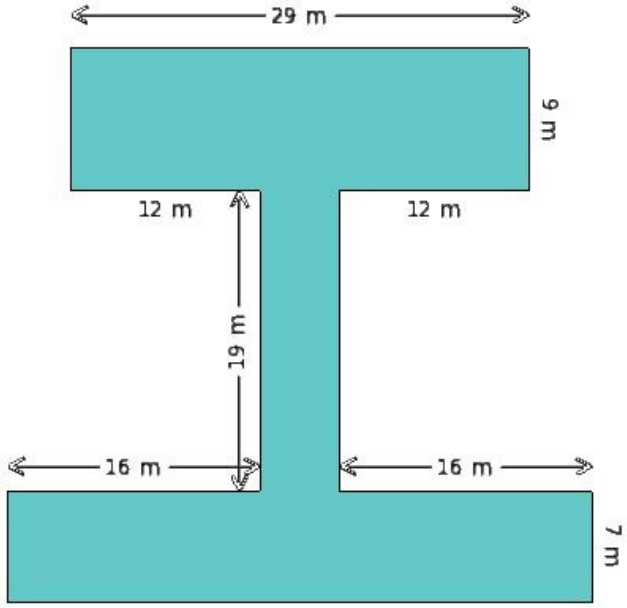
(i) 167.20 sq.cm (ii) 139.20 sq.cm (iii) 174.20 sq.cm (iv) 191.20 sq.cm (v) 152.20 sq.cm

3. In the given figure, find the area of the shaded region



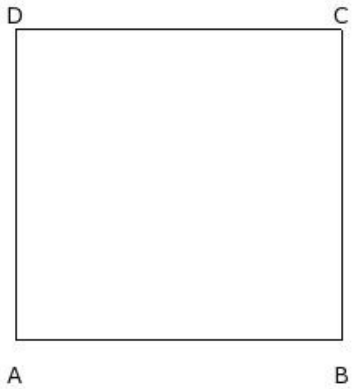
(i) 332.00 sq.cm (ii) 341.00 sq.cm (iii) 336.00 sq.cm (iv) 313.00 sq.cm (v) 364.00 sq.cm

4. Find the area of the shaded region given below



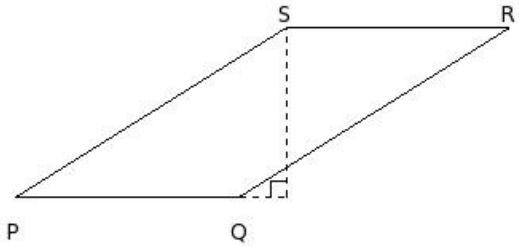
(i) 632.00 sq.m (ii) 602.00 sq.m (iii) 609.00 sq.m (iv) 615.00 sq.m (v) 623.00 sq.m

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



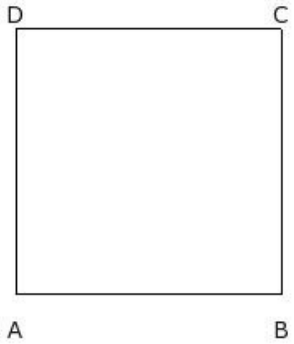
(i) 73.00 cm (ii) 83.00 cm (iii) 78.00 cm (iv) 81.00 cm (v) 75.00 cm

6. In parallelogram PQRS, if base PQ = 14.00 cm and area is 148.26 sq.cm, the corresponding height to the base PQ is



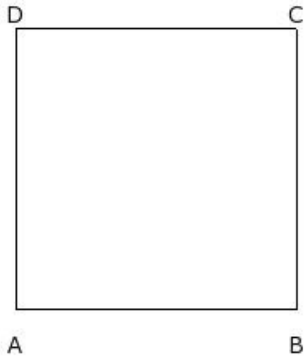
(i) 5.59 cm (ii) 13.59 cm (iii) 10.59 cm (iv) 15.59 cm (v) 7.59 cm

7. If the area of a square is 256.00 sq.cm, the perimeter of the square =



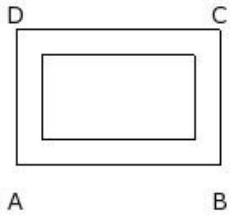
(i) 61.00 cm (ii) 59.00 cm (iii) 67.00 cm (iv) 64.00 cm (v) 69.00 cm

8. If the perimeter of a square is 68.00 cm, the area of the square =



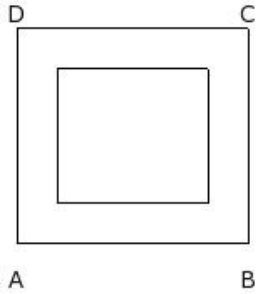
(i) 263.00 sq.cm (ii) 289.00 sq.cm (iii) 292.00 sq.cm (iv) 282.00 sq.cm (v) 301.00 sq.cm

9. If the outer length, inner breadth and area of the inner rectangle of a rectangular path are 12.00 cm, 5.00 cm and 45.00 sq.cm respectively, the area of the rectangular path =



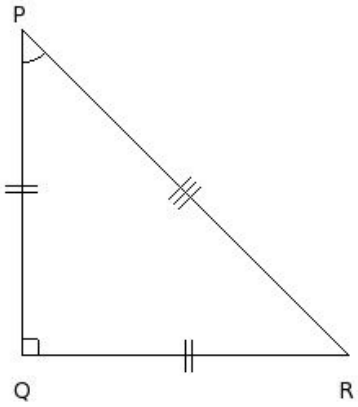
(i) 54.00 sq.cm (ii) 56.00 sq.cm (iii) 48.00 sq.cm (iv) 46.00 sq.cm (v) 51.00 sq.cm

10. If the outer length, inner breadth and area of the inner rectangle of a rectangular path are 13.80 cm, 8.00 cm and 72.00 sq.cm respectively, the width of the rectangular path =



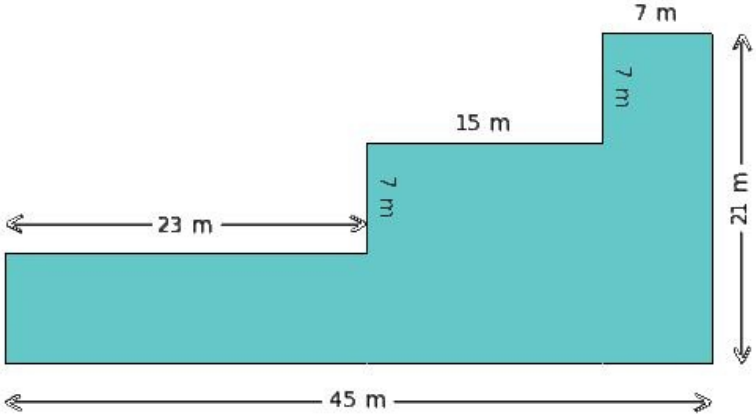
(i) 1.40 cm (ii) 0.40 cm (iii) 2.40 cm (iv) 3.40 cm (v) 4.40 cm

11. In an isosceles right angled triangle △PQR, if corresponding height to the base QR is 20 cm, then side PQ =



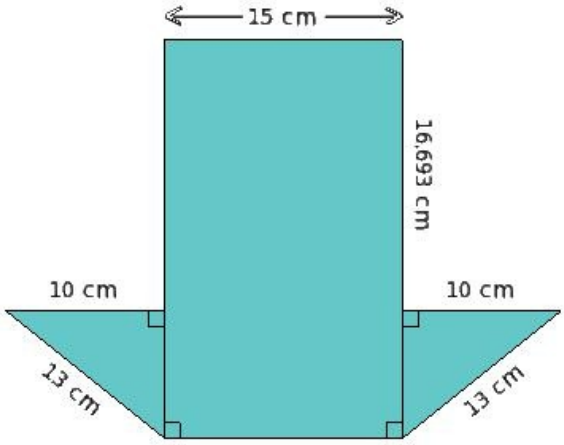
(i) 23.00 cm (ii) 17.00 cm (iii) 25.00 cm (iv) 20.00 cm (v) 15.00 cm

12. Find the perimeter of the shaded region given below



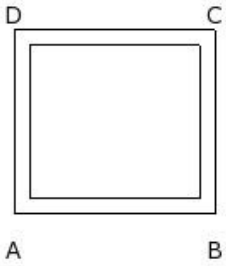
(i) 106.00 m (ii) 139.00 m (iii) 159.00 m (iv) 132.00 m (v) 124.00 m

13. Find the area of the shaded region



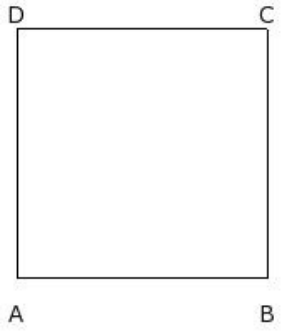
(i) 460.07 sq.cm (ii) 459.07 sq.cm (iii) 457.07 sq.cm (iv) 456.07 sq.cm (v) 458.07 sq.cm

14. If the inner length, outer breadth and width of a rectangular path are 10.00 cm, 10.80 cm and 0.90 cm respectively, the area of the inner rectangle of the rectangular path =



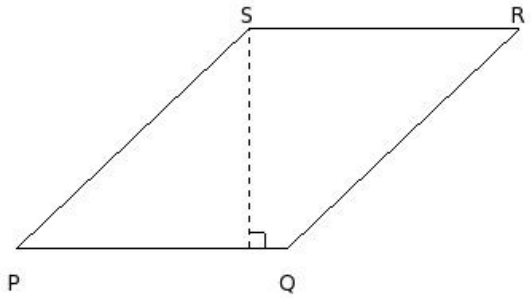
(i) 95.00 sq.cm (ii) 93.00 sq.cm (iii) 90.00 sq.cm (iv) 85.00 sq.cm (v) 87.00 sq.cm

15. If the area of a square is 225.00 sq.cm, the side of the square =



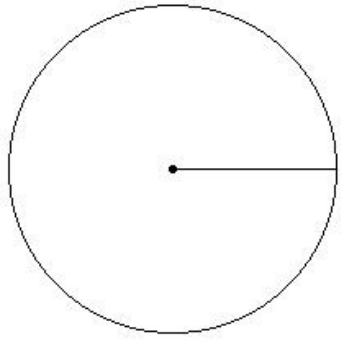
(i) 15.00 cm (ii) 20.00 cm (iii) 10.00 cm (iv) 18.00 cm (v) 12.00 cm

16. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 13.77 cm and area is 234.09 sq.cm, the base of the parallelogram PQ =



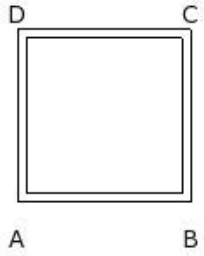
(i) 14.00 cm (ii) 17.00 cm (iii) 22.00 cm (iv) 12.00 cm (v) 20.00 cm

17. If radius of the circle is 10.00 cm, the circumference of the circle is



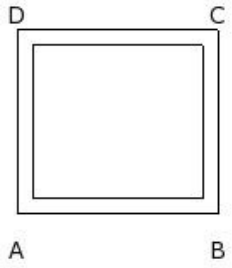
(i) 57.86 cm (ii) 62.86 cm (iii) 67.86 cm (iv) 59.86 cm (v) 65.86 cm

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



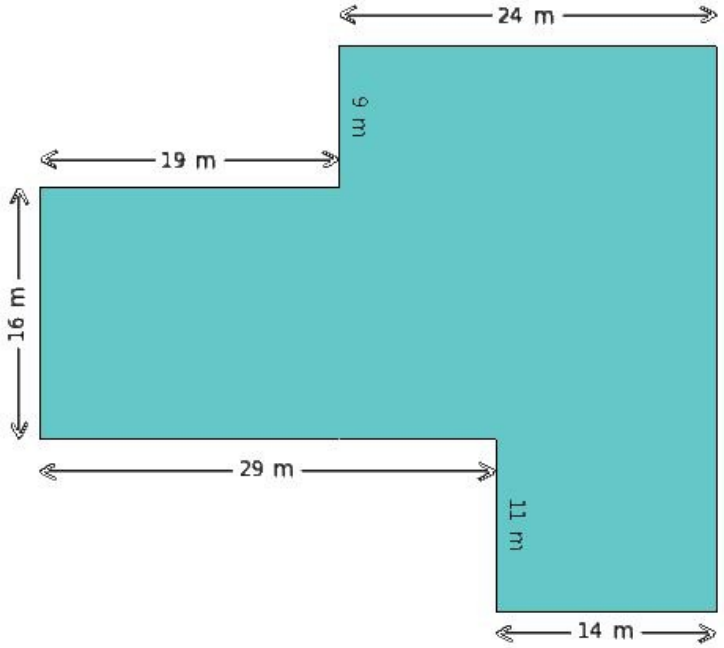
(i) 2.50 cm (ii) 8.50 cm (iii) 1.50 cm (iv) 0.50 cm (v) 7.50 cm

19. If the inner length, outer breadth and area of the outer rectangle of a rectangular path are 10.00 cm, 10.80 cm and 127.44 sq.cm respectively, the width of the rectangular path =



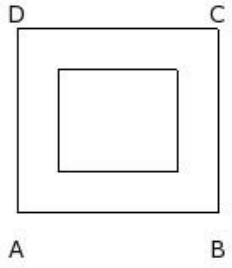
(i) 0.90 cm (ii) 2.90 cm (iii) 7.90 cm (iv) 1.90 cm (v) 8.90 cm

20. Find the area of the shaded region given below



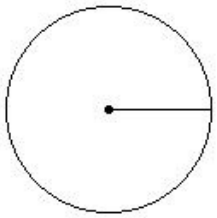
(i) 878.00 sq.m (ii) 1328.00 sq.m (iii) 1108.00 sq.m (iv) 1058.00 sq.m (v) 918.00 sq.m

21. If the outer length, inner breadth and width of a rectangular path are 11.80 cm, 6.00 cm and 2.40 cm respectively, the area of the rectangular path =



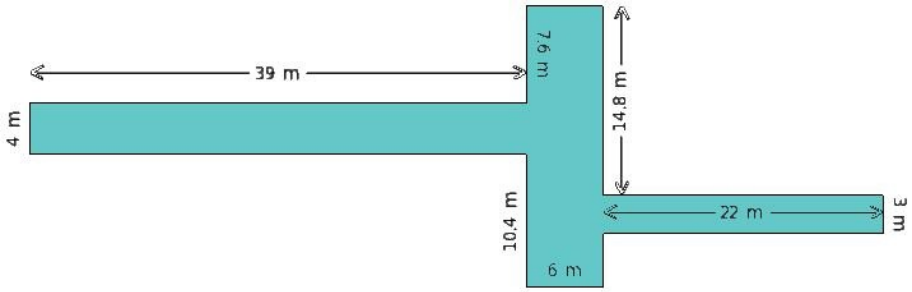
(i) 85.44 sq.cm (ii) 88.44 sq.cm (iii) 80.44 sq.cm (iv) 90.44 sq.cm (v) 82.44 sq.cm

22. If radius of the circle is 6.00 cm, the perimeter of the semicircle is



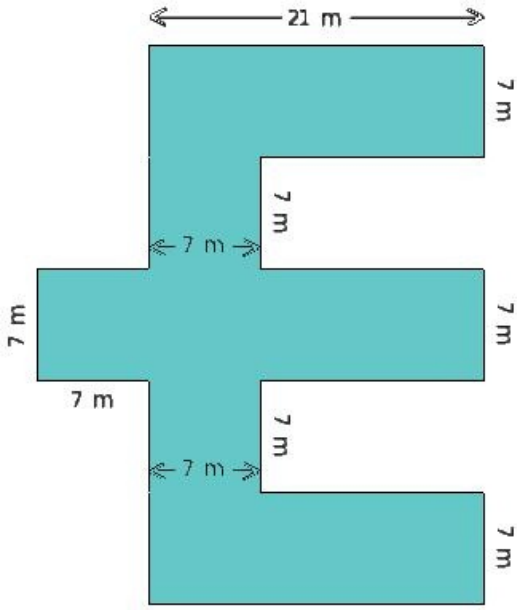
(i) 25.86 cm (ii) 30.86 cm (iii) 27.86 cm (iv) 35.86 cm (v) 33.86 cm

23. Find the perimeter of the shaded region given below



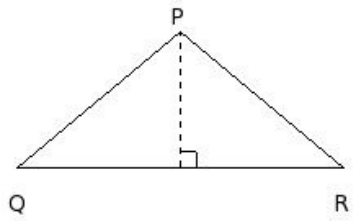
(i) 206.00 m (ii) 182.00 m (iii) 156.00 m (iv) 165.00 m (v) 178.00 m

24. Find the area of the shaded region given below



(i) 563.00 sq.m (ii) 572.00 sq.m (iii) 606.00 sq.m (iv) 594.00 sq.m (v) 588.00 sq.m

25. In △PQR, if base QR = 20 cm and the corresponding height of side QR = 8.31 cm, then area of the triangle =



(i) 88.07 sq.cm (ii) 86.07 sq.cm (iii) 78.07 sq.cm (iv) 83.07 sq.cm (v) 80.07 sq.cm

Assignment Key

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

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