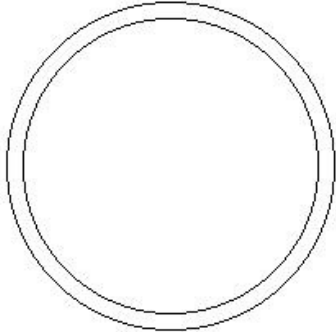


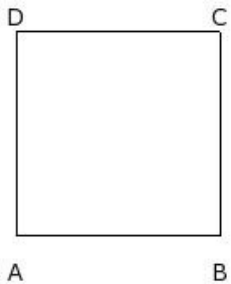


1. If the area of the inner circle of the ring is 254.57 sq.cm and area of outer circle is 314.29 sq.cm, the inner circle area is



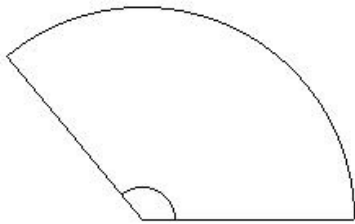
- (i) 276.57 sq.cm (ii) 254.57 sq.cm (iii) 261.57 sq.cm (iv) 239.57 sq.cm (v) 240.57 sq.cm

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



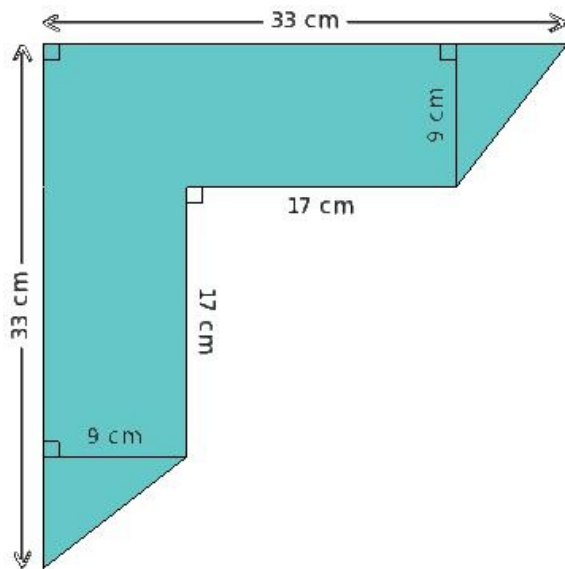
- (i) 121.00 sq.cm (ii) 142.00 sq.cm (iii) 144.00 sq.cm (iv) 157.00 sq.cm (v) 156.00 sq.cm

3. If the length of the arc of a sector is 29.51 cm and the area of the circle is 531.14 sq.cm, the area of the sector is



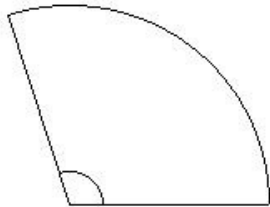
- (i) 183.80 sq.cm (ii) 177.80 sq.cm (iii) 208.80 sq.cm (iv) 216.80 sq.cm (v) 191.80 sq.cm

4. Find the area of the shaded region



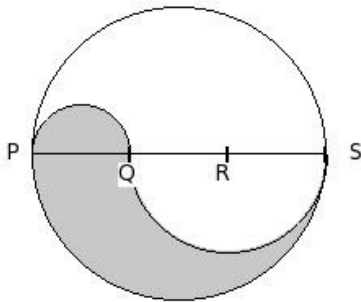
- (i) 449.00 sq.cm (ii) 451.00 sq.cm (iii) 452.00 sq.cm (iv) 450.00 sq.cm (v) 448.00 sq.cm

5. If the length of the arc of a sector is 22.63 cm and the angle subtended at the center by the arc of the sector is 108.00° , the perimeter of the sector is



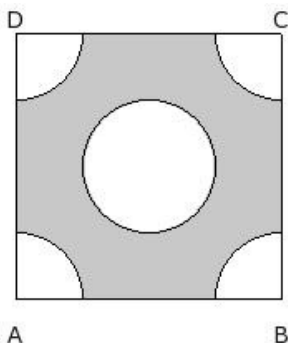
- (i) 46.63 cm (ii) 43.63 cm (iii) 41.63 cm (iv) 49.63 cm (v) 51.63 cm

6. In the given figure, PQRS is the diameter of the circle of radius 4.50 cm and $PQ = QR = RS$. Find the area of the shaded region



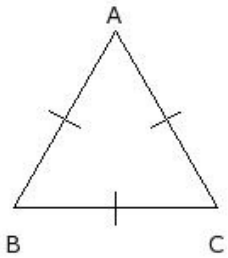
- (i) 16.21 sq.cm (ii) 21.21 sq.cm (iii) 24.21 sq.cm (iv) 18.21 sq.cm (v) 26.21 sq.cm

7. In the given figure, ABCD is a square of side 16.00 cm. At the centre there is a circle with radius 4.00 cm and the same circle quadrants are at the four corners. Find the area of the shaded region.



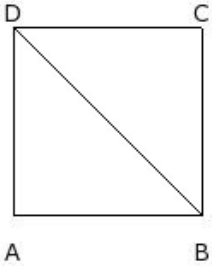
- (i) 128.43 sq.cm (ii) 141.43 sq.cm (iii) 159.43 sq.cm (iv) 183.43 sq.cm (v) 155.43 sq.cm

8. If area of an equilateral triangle is 62.35 sq.cm, the side of the equilateral triangle =



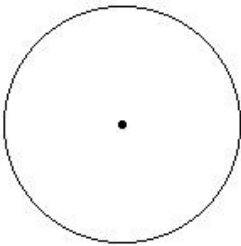
- (i) 7.00 cm (ii) 9.00 cm (iii) 15.00 cm (iv) 17.00 cm (v) 12.00 cm

9. If the length of the diagonal of a square is 15.55 cm, the perimeter of the square =



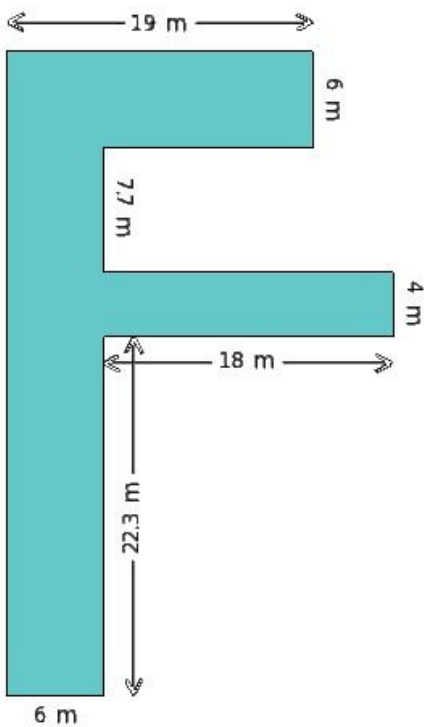
- (i) 39.00 cm (ii) 44.00 cm (iii) 49.00 cm (iv) 41.00 cm (v) 47.00 cm

10. If area of the circle is 154.00 sq.cm, the circumference of the circle is



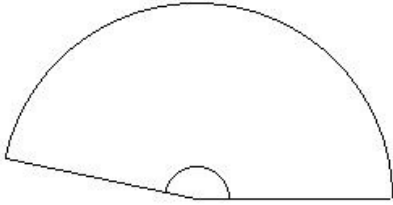
- (i) 41.00 cm (ii) 49.00 cm (iii) 44.00 cm (iv) 47.00 cm (v) 39.00 cm

11. Find the area of the shaded region given below



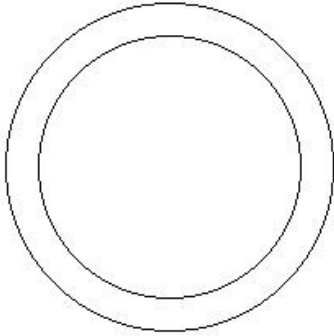
- (i) 390.00 sq.m (ii) 385.00 sq.m (iii) 407.00 sq.m (iv) 366.00 sq.m (v) 408.00 sq.m

12. If the area of a sector of a circle is 211.20 sq.cm and the area of the circle is 452.57 sq.cm, the angle subtended at the center by the arc of the sector is



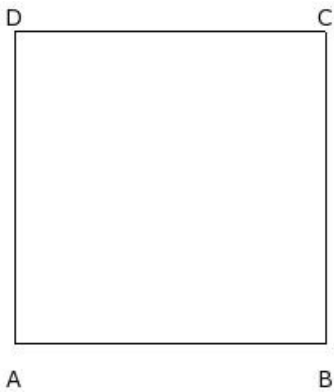
- (i) 174.00° (ii) 141.00° (iii) 168.00° (iv) 150.00° (v) 193.00°

13. If the inner radius of the ring is 8.00 cm and area of the ring is 113.14 sq.cm, the outer circle area is



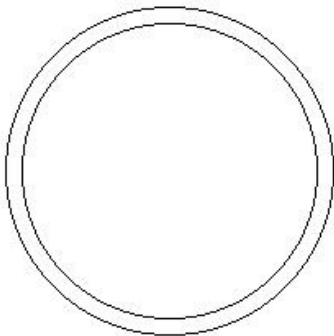
- (i) 299.29 sq.cm (ii) 288.29 sq.cm (iii) 317.29 sq.cm (iv) 336.29 sq.cm (v) 314.29 sq.cm

14. If the area of a square is 361.00 sq.cm, the side of the square =



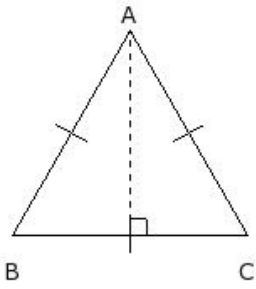
- (i) 22.00 cm (ii) 24.00 cm (iii) 14.00 cm (iv) 16.00 cm (v) 19.00 cm

15. If the inner radius of the ring is 9.00 cm and area of the ring is 59.71 sq.cm, the outer circle radius is



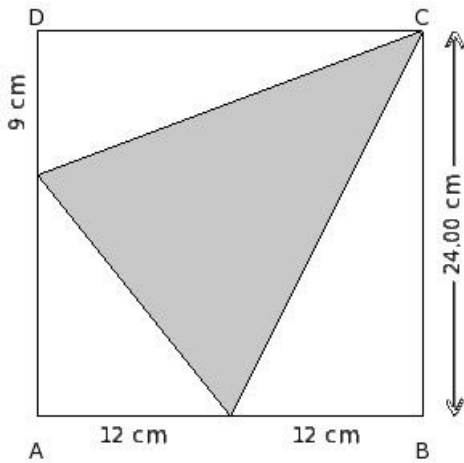
- (i) 7.00 cm (ii) 13.00 cm (iii) 5.00 cm (iv) 10.00 cm (v) 15.00 cm

16. If height of an equilateral triangle is 12.12 cm, the side of the equilateral triangle =



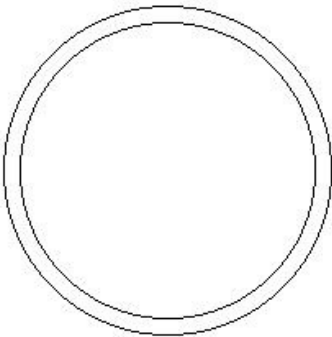
- (i) 19.00 cm (ii) 9.00 cm (iii) 11.00 cm (iv) 14.00 cm (v) 17.00 cm

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



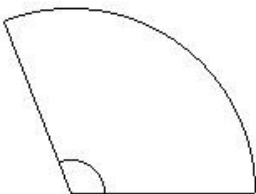
- (i) 208.00 sq.cm (ii) 239.00 sq.cm (iii) 257.00 sq.cm (iv) 234.00 sq.cm (v) 217.00 sq.cm

18. If the inner and outer radii of a ring are 9.00 cm and 10.00 cm respectively, the width of the ring is



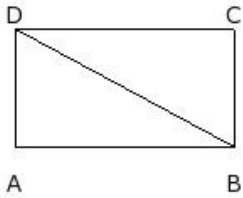
- (i) 0.00 cm (ii) 3.00 cm (iii) 2.00 cm (iv) 1.00 cm (v) 9.00 cm

19. If the area of a sector of a circle is 117.26 sq.cm and the area of the circle is 380.29 sq.cm, the radius of the circle is



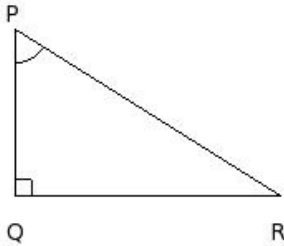
- (i) 6.00 cm (ii) 8.00 cm (iii) 14.00 cm (iv) 16.00 cm (v) 11.00 cm

20. If the perimeter and diagonal of a rectangle are 40.00 cm and 14.76 cm respectively, the breadth of the rectangle =



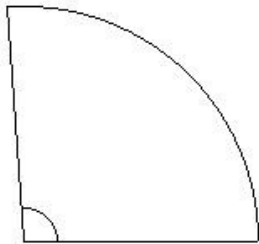
- (i) 6.00 cm (ii) 8.00 cm (iii) 5.00 cm (iv) 7.00 cm (v) 9.00 cm

21. In a right angled triangle $\triangle PQR$, if the area is 80 sq.cm and corresponding height of side QR = 10 cm, then side QR =



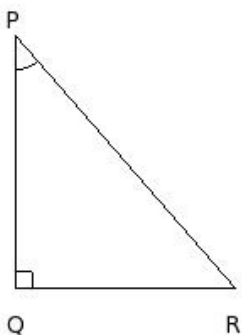
- (i) 21.00 cm (ii) 19.00 cm (iii) 13.00 cm (iv) 11.00 cm (v) 16.00 cm

22. If the length of the arc of a sector is 22.98 cm and the area of the circle is 616.00 sq.cm, the perimeter of the circle is



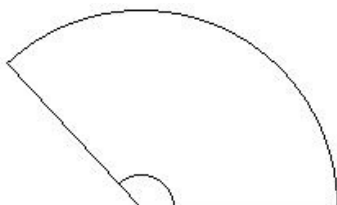
- (i) 91.00 cm (ii) 93.00 cm (iii) 83.00 cm (iv) 85.00 cm (v) 88.00 cm

23. In a right angled triangle $\triangle PQR$, if the area is 97.5 sq.cm and corresponding height of side QR = 15 cm, then side PQ =



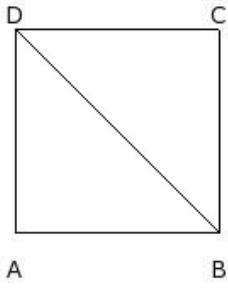
- (i) 18.00 cm (ii) 12.00 cm (iii) 15.00 cm (iv) 10.00 cm (v) 20.00 cm

24. If the area of a sector of a circle is 167.20 sq.cm and the area of the circle is 452.57 sq.cm, the perimeter of the sector is



- (i) 51.87 cm (ii) 46.87 cm (iii) 48.87 cm (iv) 56.87 cm (v) 54.87 cm

25. If the area of a square is 144.00 sq.cm, the length of the diagonal of the square =



- (i) 13.97 cm (ii) 16.97 cm (iii) 19.97 cm (iv) 11.97 cm (v) 21.97 cm

Assignment Key

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