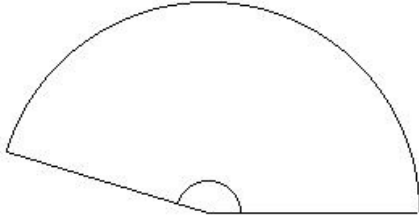


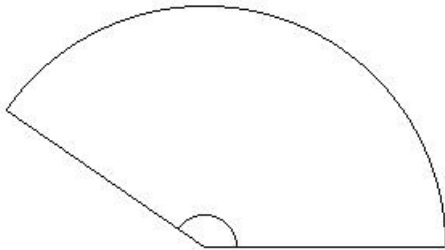


1. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is 163.00° , the length of the arc of the sector is



- (i) 37.00 cm (ii) 40.00 cm (iii) 34.00 cm (iv) 32.00 cm (v) 42.00 cm

2. If the radius of a circle is 15.00 cm and the angle subtended at the center by the arc of a sector is 145.00° , the area of the sector is



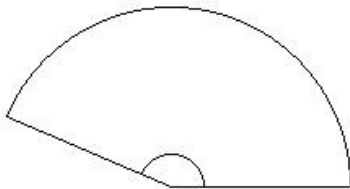
- (i) 300.82 sq.cm (ii) 269.82 sq.cm (iii) 281.82 sq.cm (iv) 296.82 sq.cm (v) 284.82 sq.cm

3. If the radius of a circle is 10.00 cm and the angle subtended at the center by the arc of a sector is 120.00° , the perimeter of the sector is



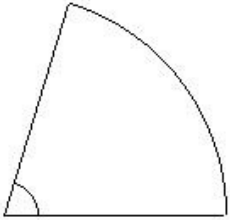
- (i) 35.95 cm (ii) 45.95 cm (iii) 40.95 cm (iv) 37.95 cm (v) 43.95 cm

4. If the radius of a circle is 11.00 cm and the angle subtended at the center by the arc of a sector is 157.00° , the area of the circle is



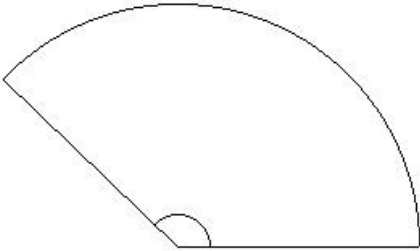
- (i) 380.29 sq.cm (ii) 355.29 sq.cm (iii) 368.29 sq.cm (iv) 394.29 sq.cm (v) 407.29 sq.cm

5. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is 73.00° , the perimeter of the circle is



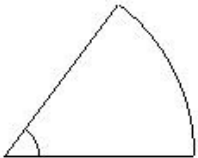
- (i) 81.71 cm (ii) 78.71 cm (iii) 86.71 cm (iv) 76.71 cm (v) 84.71 cm

6. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 35.62 cm, the angle subtended at the center by the arc of the sector is



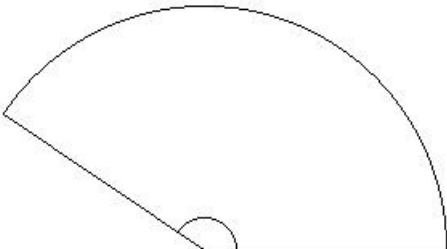
- (i) 151.00° (ii) 119.00° (iii) 136.00° (iv) 140.00°

7. If the radius of a circle is 11.00 cm and the length of the arc of a sector is 10.18 cm, the area of the sector is



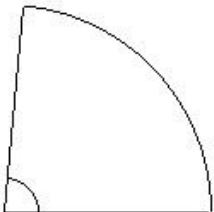
- (i) 55.99 sq.cm (ii) 52.99 sq.cm (iii) 50.99 sq.cm (iv) 60.99 sq.cm (v) 58.99 sq.cm

8. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 38.24 cm, the perimeter of the sector is



- (i) 65.24 cm (ii) 73.24 cm (iii) 71.24 cm (iv) 63.24 cm (v) 68.24 cm

9. If the radius of a circle is 12.00 cm and the length of the arc of a sector is 17.81 cm, the area of the circle is



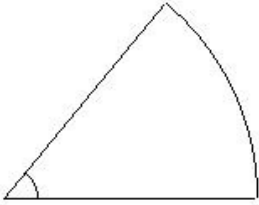
- (i) 467.57 sq.cm (ii) 426.57 sq.cm (iii) 470.57 sq.cm (iv) 445.57 sq.cm (v) 452.57 sq.cm

10. If the radius of a circle is 10.00 cm and the length of the arc of a sector is 7.16 cm, the perimeter of the circle is



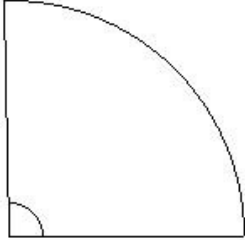
- (i) 59.86 cm (ii) 65.86 cm (iii) 62.86 cm (iv) 57.86 cm (v) 67.86 cm

11. If the radius of a circle is 15.00 cm and the area of a sector is 98.21 sq.cm, the angle subtended at the center by the arc of the sector is



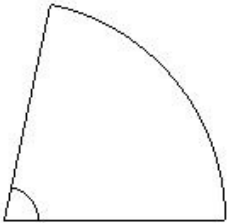
- (i) 55.00° (ii) 47.00° (iii) 45.00° (iv) 50.00° (v) 53.00°

12. If the radius of a circle is 14.00 cm and the area of a sector is 155.71 sq.cm, the length of the arc of the sector is



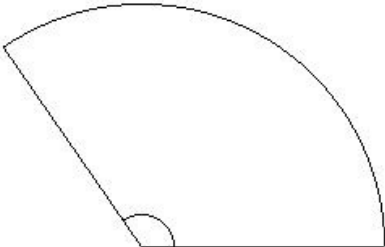
- (i) 22.24 cm (ii) 25.24 cm (iii) 27.24 cm (iv) 17.24 cm (v) 19.24 cm

13. If the radius of a circle is 13.00 cm and the area of a sector is 115.08 sq.cm, the perimeter of the sector is



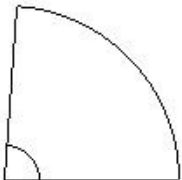
- (i) 46.70 cm (ii) 40.70 cm (iii) 38.70 cm (iv) 43.70 cm (v) 48.70 cm

14. If the radius of a circle is 15.00 cm and the area of a sector is 245.53 sq.cm, the area of the circle is



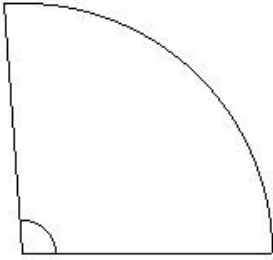
- (i) 729.14 sq.cm (ii) 693.14 sq.cm (iii) 707.14 sq.cm (iv) 721.14 sq.cm (v) 689.14 sq.cm

15. If the radius of a circle is 10.00 cm and the area of a sector is 75.08 sq.cm, the perimeter of the circle is



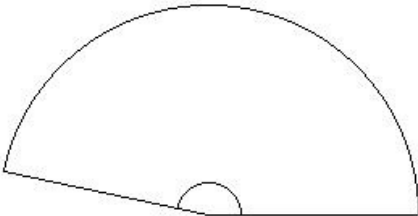
- (i) 59.86 cm (ii) 65.86 cm (iii) 57.86 cm (iv) 67.86 cm (v) 62.86 cm

16. If the radius of a circle is 15.00 cm and the perimeter of a sector is 54.62 cm, the angle subtended at the center by the arc of the sector is



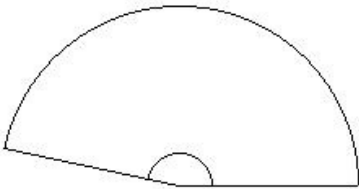
- (i) 97.00° (ii) 99.00° (iii) 94.00° (iv) 91.00° (v) 89.00°

17. If the radius of a circle is 13.00 cm and the perimeter of a sector is 64.13 cm, the length of the arc of the sector is



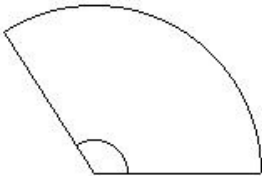
- (i) 33.13 cm (ii) 43.13 cm (iii) 41.13 cm (iv) 38.13 cm (v) 35.13 cm

18. If the radius of a circle is 11.00 cm and the perimeter of a sector is 54.27 cm, the area of the sector is



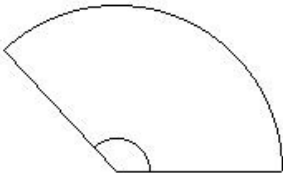
- (i) 161.47 sq.cm (ii) 175.47 sq.cm (iii) 177.47 sq.cm (iv) 190.47 sq.cm (v) 191.47 sq.cm

19. If the radius of a circle is 10.00 cm and the perimeter of a sector is 41.48 cm, the area of the circle is



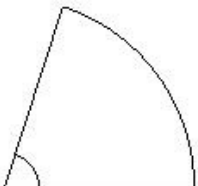
- (i) 301.29 sq.cm (ii) 314.29 sq.cm (iii) 339.29 sq.cm (iv) 320.29 sq.cm (v) 302.29 sq.cm

20. If the radius of a circle is 10.00 cm and the perimeter of a sector is 43.22 cm, the perimeter of the circle is



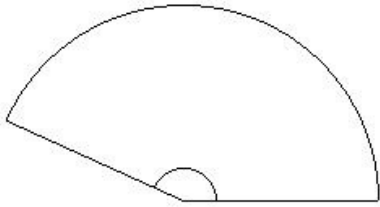
- (i) 59.86 cm (ii) 65.86 cm (iii) 57.86 cm (iv) 67.86 cm (v) 62.86 cm

21. If the area of a sector of a circle is 76.06 sq.cm and the angle subtended at the center by the arc of the sector is 72.00°, the radius of the circle is



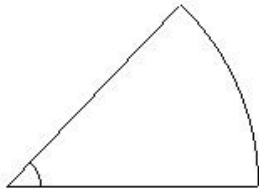
- (i) 6.00 cm (ii) 8.00 cm (iii) 16.00 cm (iv) 11.00 cm (v) 14.00 cm

22. If the area of a sector of a circle is 196.11 sq.cm and the angle subtended at the center by the arc of the sector is 156.00° , the length of the arc of the sector is



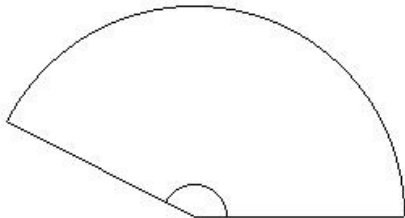
- (i) 32.69 cm (ii) 27.69 cm (iii) 29.69 cm (iv) 37.69 cm (v) 35.69 cm

23. If the area of a sector of a circle is 90.36 sq.cm and the angle subtended at the center by the arc of the sector is 46.00° , the perimeter of the sector is



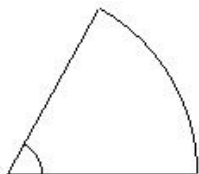
- (i) 47.05 cm (ii) 37.05 cm (iii) 42.05 cm (iv) 39.05 cm (v) 45.05 cm

24. If the area of a sector of a circle is 225.73 sq.cm and the angle subtended at the center by the arc of the sector is 153.00° , the area of the circle is



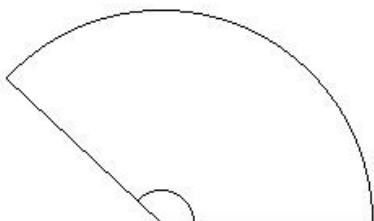
- (i) 531.14 sq.cm (ii) 524.14 sq.cm (iii) 506.14 sq.cm (iv) 534.14 sq.cm (v) 549.14 sq.cm

25. If the area of a sector of a circle is 64.44 sq.cm and the angle subtended at the center by the arc of the sector is 61.00° , the perimeter of the circle is



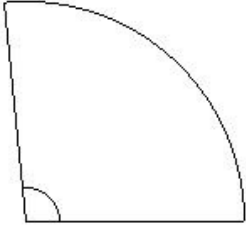
- (i) 72.14 cm (ii) 69.14 cm (iii) 74.14 cm (iv) 64.14 cm (v) 66.14 cm

26. If the area of a sector of a circle is 202.13 sq.cm and the length of the arc of the sector is 31.10 cm, the radius of the circle is



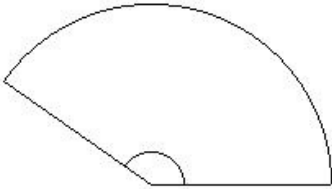
- (i) 10.00 cm (ii) 13.00 cm (iii) 16.00 cm (iv) 8.00 cm (v) 18.00 cm

27. If the area of a sector of a circle is 141.64 sq.cm and the length of the arc of the sector is 21.79 cm, the angle subtended at the center by the arc of the sector is



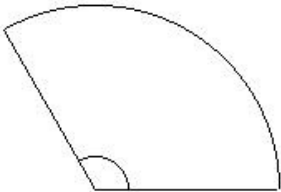
- (i) 93.00° (ii) 91.00° (iii) 99.00° (iv) 96.00° (v) 101.00°

28. If the area of a sector of a circle is 153.17 sq.cm and the length of the arc of the sector is 27.85 cm, the perimeter of the sector is



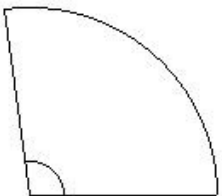
- (i) 49.85 cm (ii) 52.85 cm (iii) 46.85 cm (iv) 54.85 cm (v) 44.85 cm

29. If the area of a sector of a circle is 126.76 sq.cm and the length of the arc of the sector is 23.05 cm, the area of the circle is



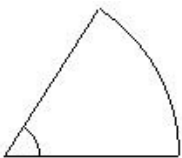
- (i) 407.29 sq.cm (ii) 362.29 sq.cm (iii) 398.29 sq.cm (iv) 365.29 sq.cm (v) 380.29 sq.cm

30. If the area of a sector of a circle is 103.52 sq.cm and the length of the arc of the sector is 18.82 cm, the perimeter of the circle is



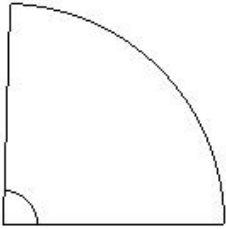
- (i) 66.14 cm (ii) 69.14 cm (iii) 64.14 cm (iv) 72.14 cm (v) 74.14 cm

31. If the area of a sector of a circle is 49.76 sq.cm and the area of the circle is 314.29 sq.cm, the radius of the circle is



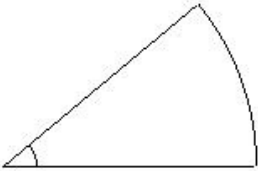
- (i) 15.00 cm (ii) 13.00 cm (iii) 5.00 cm (iv) 7.00 cm (v) 10.00 cm

32. If the area of a sector of a circle is 129.83 sq.cm and the area of the circle is 531.14 sq.cm, the angle subtended at the center by the arc of the sector is



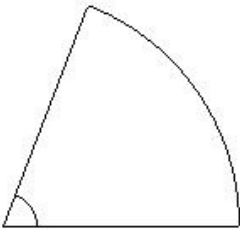
- (i) 93.00° (ii) 85.00° (iii) 88.00° (iv) 91.00° (v) 83.00°

33. If the area of a sector of a circle is 78.57 sq.cm and the area of the circle is 707.14 sq.cm, the length of the arc of the sector is



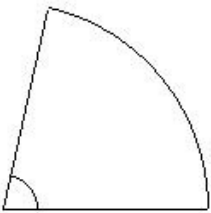
- (i) 15.48 cm (ii) 13.48 cm (iii) 7.48 cm (iv) 10.48 cm (v) 5.48 cm

34. If the area of a sector of a circle is 118.07 sq.cm and the area of the circle is 616.00 sq.cm, the perimeter of the sector is



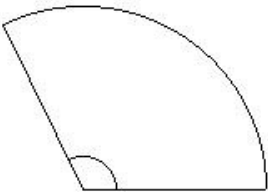
- (i) 39.87 cm (ii) 41.87 cm (iii) 49.87 cm (iv) 47.87 cm (v) 44.87 cm

35. If the area of a sector of a circle is 96.80 sq.cm and the area of the circle is 452.57 sq.cm, the perimeter of the circle is



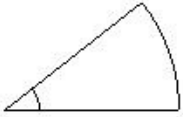
- (i) 80.43 cm (ii) 70.43 cm (iii) 75.43 cm (iv) 72.43 cm (v) 78.43 cm

36. If the length of the arc of a sector is 22.28 cm and the angle subtended at the center by the arc of the sector is 116.00° , the radius of the circle is



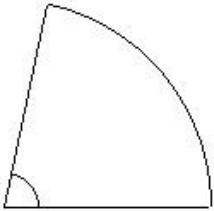
- (i) 14.00 cm (ii) 8.00 cm (iii) 6.00 cm (iv) 11.00 cm (v) 16.00 cm

37. If the length of the arc of a sector is 6.64 cm and the angle subtended at the center by the arc of the sector is 38.00° , the area of the sector is



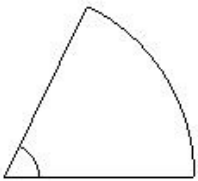
- (i) 30.18 sq.cm (ii) 28.18 sq.cm (iii) 38.18 sq.cm (iv) 33.18 sq.cm (v) 36.18 sq.cm

38. If the length of the arc of a sector is 16.34 cm and the angle subtended at the center by the arc of the sector is 78.00° , the perimeter of the sector is



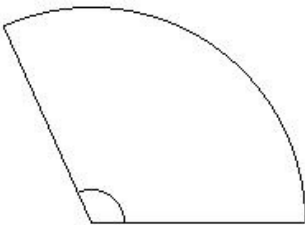
- (i) 45.34 cm (ii) 43.34 cm (iii) 35.34 cm (iv) 40.34 cm (v) 37.34 cm

39. If the length of the arc of a sector is 12.29 cm and the angle subtended at the center by the arc of the sector is 64.00° , the perimeter of the circle is



- (i) 66.14 cm (ii) 64.14 cm (iii) 69.14 cm (iv) 72.14 cm (v) 74.14 cm

40. If the length of the arc of a sector is 25.87 cm and the area of the circle is 531.14 sq.cm, the radius of the circle is



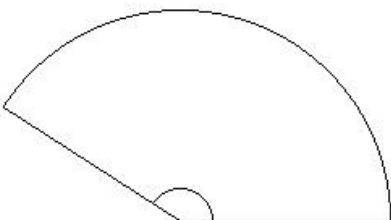
- (i) 18.00 cm (ii) 16.00 cm (iii) 10.00 cm (iv) 8.00 cm (v) 13.00 cm

41. If the length of the arc of a sector is 10.27 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



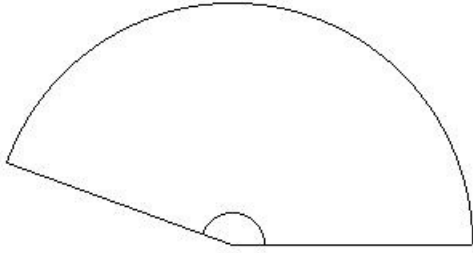
- (i) 52.00° (ii) 49.00° (iii) 54.00° (iv) 46.00° (v) 44.00°

42. If the length of the arc of a sector is 33.36 cm and the area of the circle is 531.14 sq.cm, the area of the sector is



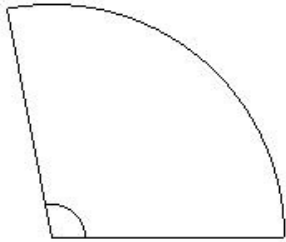
- (i) 190.88 sq.cm (ii) 213.88 sq.cm (iii) 241.88 sq.cm (iv) 216.88 sq.cm (v) 228.88 sq.cm

43. If the length of the arc of a sector is 41.91 cm and the area of the circle is 707.14 sq.cm, the perimeter of the sector is



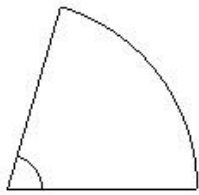
- (i) 66.91 cm (ii) 71.91 cm (iii) 76.91 cm (iv) 68.91 cm (v) 74.91 cm

44. If the length of the arc of a sector is 24.69 cm and the area of the circle is 616.00 sq.cm, the perimeter of the circle is



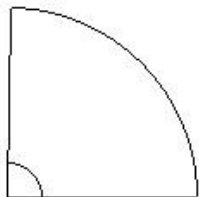
- (i) 91.00 cm (ii) 85.00 cm (iii) 93.00 cm (iv) 83.00 cm (v) 88.00 cm

45. If the length of the arc of a sector is 14.21 cm and the perimeter of the circle is 69.14 cm, the radius of the circle is



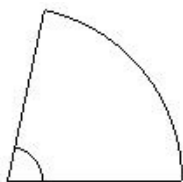
- (i) 14.00 cm (ii) 6.00 cm (iii) 8.00 cm (iv) 16.00 cm (v) 11.00 cm

46. If the length of the arc of a sector is 17.09 cm and the perimeter of the circle is 69.14 cm, the angle subtended at the center by the arc of the sector is



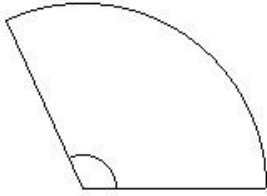
- (i) 84.00° (ii) 86.00° (iii) 94.00° (iv) 92.00° (v) 89.00°

47. If the length of the arc of a sector is 13.62 cm and the perimeter of the circle is 62.86 cm, the area of the sector is



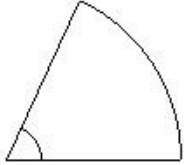
- (i) 71.10 sq.cm (ii) 68.10 sq.cm (iii) 65.10 sq.cm (iv) 63.10 sq.cm (v) 73.10 sq.cm

48. If the length of the arc of a sector is 22.09 cm and the perimeter of the circle is 69.14 cm, the perimeter of the sector is



- (i) 44.09 cm (ii) 41.09 cm (iii) 39.09 cm (iv) 49.09 cm (v) 47.09 cm

49. If the length of the arc of a sector is 11.35 cm and the perimeter of the circle is 62.86 cm, the area of the circle is



- (i) 296.29 sq.cm (ii) 314.29 sq.cm (iii) 311.29 sq.cm (iv) 331.29 sq.cm (v) 332.29 sq.cm

Assignment Key

1) (i)	2) (v)	3) (iii)	4) (i)	5) (i)	6) (iii)
7) (i)	8) (v)	9) (v)	10) (iii)	11) (iv)	12) (i)
13) (iv)	14) (iii)	15) (v)	16) (iii)	17) (iv)	18) (iii)
19) (ii)	20) (v)	21) (iv)	22) (i)	23) (iii)	24) (i)
25) (ii)	26) (ii)	27) (iv)	28) (i)	29) (v)	30) (ii)
31) (v)	32) (iii)	33) (iv)	34) (v)	35) (iii)	36) (iv)
37) (iv)	38) (iv)	39) (iii)	40) (v)	41) (ii)	42) (iv)
43) (ii)	44) (v)	45) (v)	46) (v)	47) (ii)	48) (i)
49) (ii)					