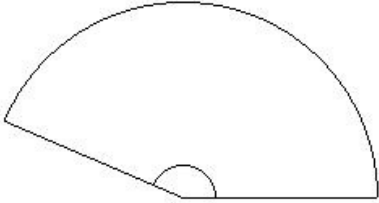


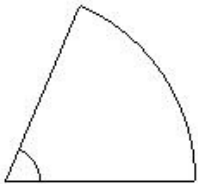


1. If the radius of a circle is 12.00 cm and the angle subtended at the center by the arc of a sector is 157.00° , the length of the arc of the sector is



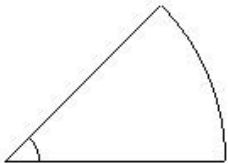
- (i) 37.90 cm (ii) 35.90 cm (iii) 27.90 cm (iv) 29.90 cm (v) 32.90 cm

2. If the radius of a circle is 11.00 cm and the angle subtended at the center by the arc of a sector is 67.00° , the area of the sector is



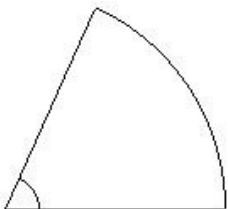
- (i) 65.78 sq.cm (ii) 67.78 sq.cm (iii) 73.78 sq.cm (iv) 70.78 sq.cm (v) 75.78 sq.cm

3. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is 45.00° , the perimeter of the sector is



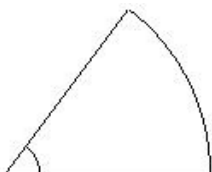
- (i) 39.21 cm (ii) 31.21 cm (iii) 36.21 cm (iv) 41.21 cm (v) 33.21 cm

4. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is 66.00° , the area of the circle is



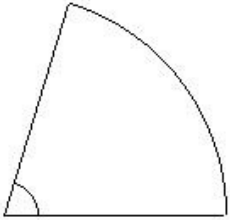
- (i) 526.14 sq.cm (ii) 531.14 sq.cm (iii) 519.14 sq.cm (iv) 544.14 sq.cm (v) 553.14 sq.cm

5. If the radius of a circle is 12.00 cm and the angle subtended at the center by the arc of a sector is 53.00° , the perimeter of the circle is



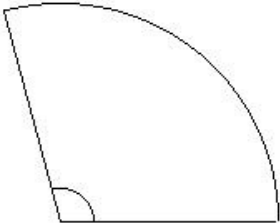
- (i) 75.43 cm (ii) 70.43 cm (iii) 80.43 cm (iv) 72.43 cm (v) 78.43 cm

6. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 16.57 cm, the angle subtended at the center by the arc of the sector is



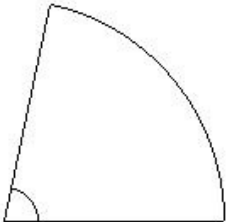
- (i) 78.00° (ii) 70.00° (iii) 73.00° (iv) 76.00° (v) 68.00°

7. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 23.83 cm, the area of the sector is



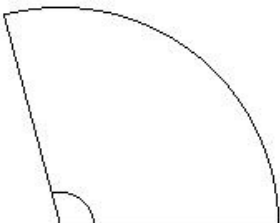
- (i) 126.92 sq.cm (ii) 148.92 sq.cm (iii) 166.92 sq.cm (iv) 154.92 sq.cm (v) 171.92 sq.cm

8. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 17.70 cm, the perimeter of the sector is



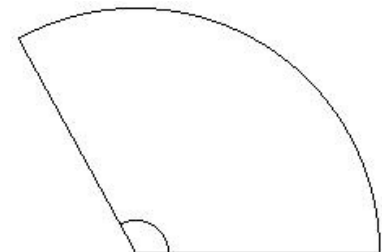
- (i) 40.70 cm (ii) 48.70 cm (iii) 38.70 cm (iv) 46.70 cm (v) 43.70 cm

9. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 23.83 cm, the area of the circle is



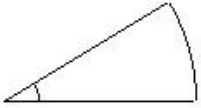
- (i) 546.14 sq.cm (ii) 529.14 sq.cm (iii) 507.14 sq.cm (iv) 531.14 sq.cm (v) 557.14 sq.cm

10. If the radius of a circle is 15.00 cm and the length of the arc of a sector is 31.17 cm, the perimeter of the circle is



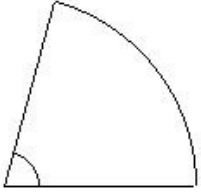
- (i) 91.29 cm (ii) 99.29 cm (iii) 94.29 cm (iv) 97.29 cm (v) 89.29 cm

11. If the radius of a circle is 11.00 cm and the area of a sector is 32.75 sq.cm, the angle subtended at the center by the arc of the sector is



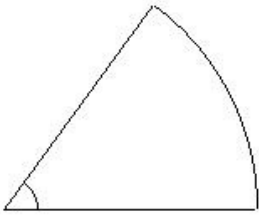
- (i) 36.00° (ii) 34.00° (iii) 26.00° (iv) 31.00° (v) 28.00°

12. If the radius of a circle is 11.00 cm and the area of a sector is 79.23 sq.cm, the length of the arc of the sector is



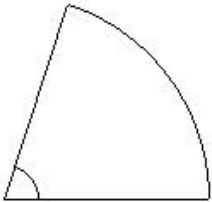
- (i) 19.40 cm (ii) 17.40 cm (iii) 14.40 cm (iv) 9.40 cm (v) 11.40 cm

13. If the radius of a circle is 15.00 cm and the area of a sector is 106.07 sq.cm, the perimeter of the sector is



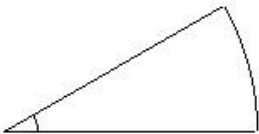
- (i) 41.14 cm (ii) 44.14 cm (iii) 49.14 cm (iv) 39.14 cm (v) 47.14 cm

14. If the radius of a circle is 12.00 cm and the area of a sector is 90.51 sq.cm, the area of the circle is



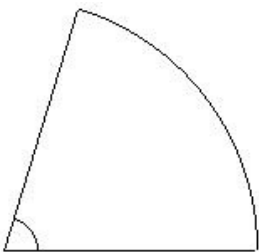
- (i) 444.57 sq.cm (ii) 467.57 sq.cm (iii) 452.57 sq.cm (iv) 476.57 sq.cm (v) 426.57 sq.cm

15. If the radius of a circle is 15.00 cm and the area of a sector is 58.93 sq.cm, the perimeter of the circle is



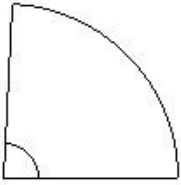
- (i) 89.29 cm (ii) 94.29 cm (iii) 99.29 cm (iv) 97.29 cm (v) 91.29 cm

16. If the radius of a circle is 15.00 cm and the perimeter of a sector is 49.12 cm, the angle subtended at the center by the arc of the sector is



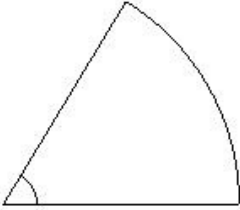
- (i) 68.00° (ii) 78.00° (iii) 70.00° (iv) 76.00° (v) 73.00°

17. If the radius of a circle is 10.00 cm and the perimeter of a sector is 35.19 cm, the length of the arc of the sector is



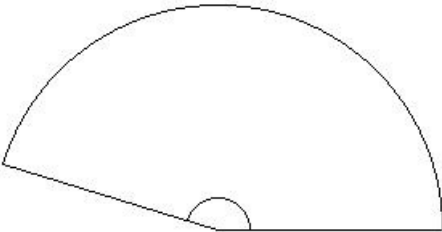
- (i) 15.19 cm (ii) 20.19 cm (iii) 10.19 cm (iv) 18.19 cm (v) 12.19 cm

18. If the radius of a circle is 14.00 cm and the perimeter of a sector is 42.42 cm, the area of the sector is



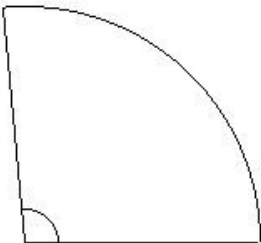
- (i) 82.96 sq.cm (ii) 106.96 sq.cm (iii) 127.96 sq.cm (iv) 100.96 sq.cm (v) 75.96 sq.cm

19. If the radius of a circle is 14.00 cm and the perimeter of a sector is 67.84 cm, the area of the circle is



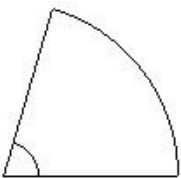
- (i) 616.00 sq.cm (ii) 634.00 sq.cm (iii) 600.00 sq.cm (iv) 614.00 sq.cm (v) 623.00 sq.cm

20. If the radius of a circle is 14.00 cm and the perimeter of a sector is 51.22 cm, the perimeter of the circle is



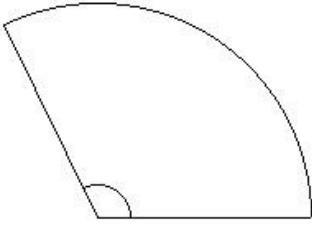
- (i) 85.00 cm (ii) 91.00 cm (iii) 93.00 cm (iv) 88.00 cm (v) 83.00 cm

21. If the area of a sector of a circle is 64.60 sq.cm and the angle subtended at the center by the arc of the sector is 74.00° , the radius of the circle is



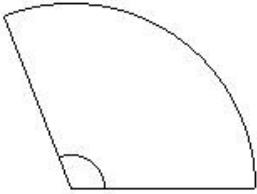
- (i) 5.00 cm (ii) 10.00 cm (iii) 13.00 cm (iv) 15.00 cm (v) 7.00 cm

22. If the area of a sector of a circle is 171.15 sq.cm and the angle subtended at the center by the arc of the sector is 116.00° , the length of the arc of the sector is



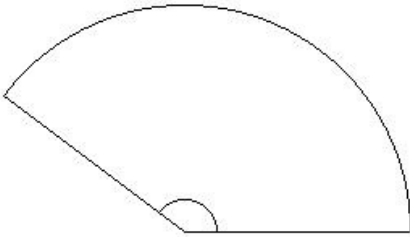
- (i) 21.33 cm (ii) 23.33 cm (iii) 26.33 cm (iv) 29.33 cm (v) 31.33 cm

23. If the area of a sector of a circle is 117.26 sq.cm and the angle subtended at the center by the arc of the sector is 111.00° , the perimeter of the sector is



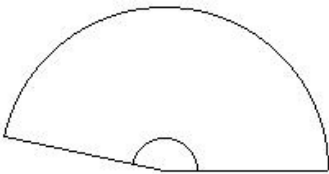
- (i) 40.32 cm (ii) 43.32 cm (iii) 38.32 cm (iv) 46.32 cm (v) 48.32 cm

24. If the area of a sector of a circle is 244.69 sq.cm and the angle subtended at the center by the arc of the sector is 143.00° , the area of the circle is



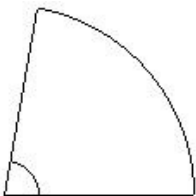
- (i) 601.00 sq.cm (ii) 600.00 sq.cm (iii) 632.00 sq.cm (iv) 616.00 sq.cm (v) 634.00 sq.cm

25. If the area of a sector of a circle is 146.67 sq.cm and the angle subtended at the center by the arc of the sector is 168.00° , the perimeter of the circle is



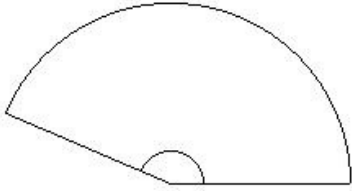
- (i) 67.86 cm (ii) 65.86 cm (iii) 59.86 cm (iv) 57.86 cm (v) 62.86 cm

26. If the area of a sector of a circle is 84.51 sq.cm and the length of the arc of the sector is 15.36 cm, the radius of the circle is



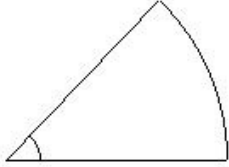
- (i) 8.00 cm (ii) 14.00 cm (iii) 6.00 cm (iv) 16.00 cm (v) 11.00 cm

27. If the area of a sector of a circle is 165.85 sq.cm and the length of the arc of the sector is 30.15 cm, the angle subtended at the center by the arc of the sector is



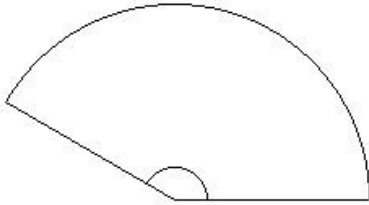
- (i) 170.00° (ii) 132.00° (iii) 164.00° (iv) 157.00° (v) 141.00°

28. If the area of a sector of a circle is 67.87 sq.cm and the length of the arc of the sector is 10.44 cm, the perimeter of the sector is



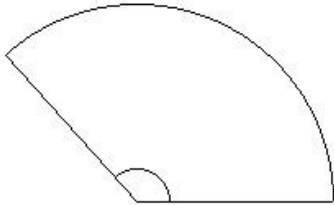
- (i) 33.44 cm (ii) 31.44 cm (iii) 36.44 cm (iv) 41.44 cm (v) 39.44 cm

29. If the area of a sector of a circle is 188.57 sq.cm and the length of the arc of the sector is 31.43 cm, the area of the circle is



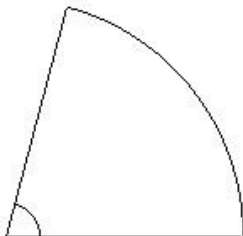
- (i) 480.57 sq.cm (ii) 440.57 sq.cm (iii) 452.57 sq.cm (iv) 425.57 sq.cm (v) 468.57 sq.cm

30. If the area of a sector of a circle is 165.94 sq.cm and the length of the arc of the sector is 27.66 cm, the perimeter of the circle is



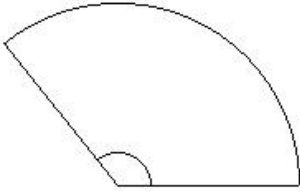
- (i) 72.43 cm (ii) 80.43 cm (iii) 78.43 cm (iv) 75.43 cm (v) 70.43 cm

31. If the area of a sector of a circle is 128.33 sq.cm and the area of the circle is 616.00 sq.cm, the radius of the circle is



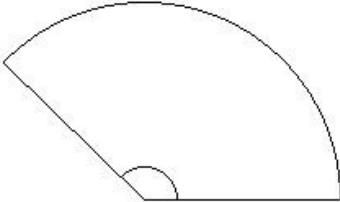
- (i) 9.00 cm (ii) 17.00 cm (iii) 14.00 cm (iv) 19.00 cm (v) 11.00 cm

32. If the area of a sector of a circle is 136.27 sq.cm and the area of the circle is 380.29 sq.cm, the angle subtended at the center by the arc of the sector is



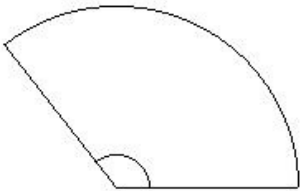
- (i) 131.00° (ii) 116.00° (iii) 129.00° (iv) 153.00°

33. If the area of a sector of a circle is 170.97 sq.cm and the area of the circle is 452.57 sq.cm, the length of the arc of the sector is



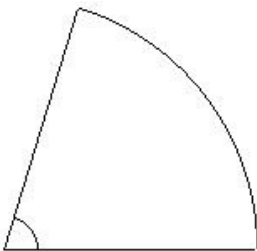
- (i) 23.50 cm (ii) 33.50 cm (iii) 28.50 cm (iv) 25.50 cm (v) 31.50 cm

34. If the area of a sector of a circle is 135.21 sq.cm and the area of the circle is 380.29 sq.cm, the perimeter of the sector is



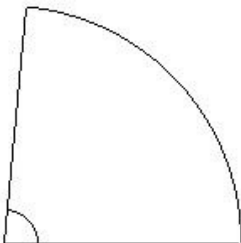
- (i) 43.58 cm (ii) 51.58 cm (iii) 41.58 cm (iv) 49.58 cm (v) 46.58 cm

35. If the area of a sector of a circle is 143.39 sq.cm and the area of the circle is 707.14 sq.cm, the perimeter of the circle is



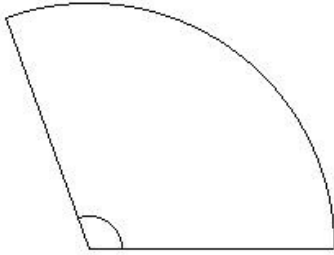
- (i) 89.29 cm (ii) 94.29 cm (iii) 97.29 cm (iv) 91.29 cm (v) 99.29 cm

36. If the length of the arc of a sector is 20.78 cm and the angle subtended at the center by the arc of the sector is 85.00°, the radius of the circle is



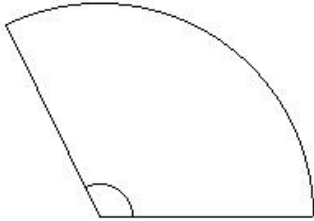
- (i) 11.00 cm (ii) 14.00 cm (iii) 19.00 cm (iv) 9.00 cm (v) 17.00 cm

37. If the length of the arc of a sector is 28.81 cm and the angle subtended at the center by the arc of the sector is 110.00° , the area of the sector is



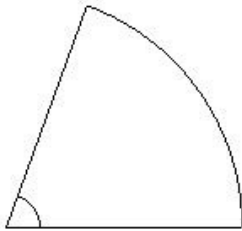
- (i) 201.07 sq.cm (ii) 234.07 sq.cm (iii) 190.07 sq.cm (iv) 229.07 sq.cm (v) 216.07 sq.cm

38. If the length of the arc of a sector is 26.33 cm and the angle subtended at the center by the arc of the sector is 116.00° , the perimeter of the sector is



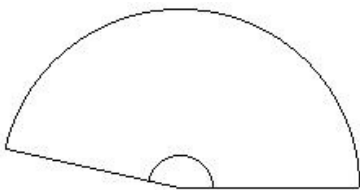
- (i) 49.33 cm (ii) 52.33 cm (iii) 55.33 cm (iv) 47.33 cm (v) 57.33 cm

39. If the length of the arc of a sector is 17.11 cm and the angle subtended at the center by the arc of the sector is 70.00° , the area of the circle is



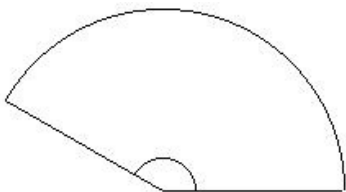
- (i) 630.00 sq.cm (ii) 616.00 sq.cm (iii) 629.00 sq.cm (iv) 600.00 sq.cm (v) 591.00 sq.cm

40. If the length of the arc of a sector is 32.07 cm and the angle subtended at the center by the arc of the sector is 167.00° , the perimeter of the circle is



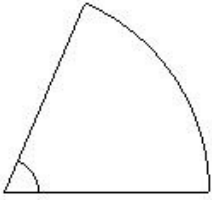
- (i) 72.14 cm (ii) 74.14 cm (iii) 66.14 cm (iv) 69.14 cm (v) 64.14 cm

41. If the length of the arc of a sector is 28.81 cm and the area of the circle is 380.29 sq.cm, the radius of the circle is



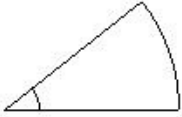
- (i) 6.00 cm (ii) 11.00 cm (iii) 14.00 cm (iv) 8.00 cm (v) 16.00 cm

42. If the length of the arc of a sector is 14.04 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



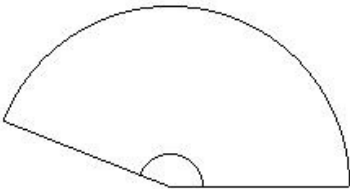
- (i) 64.00° (ii) 67.00° (iii) 72.00° (iv) 62.00° (v) 70.00°

43. If the length of the arc of a sector is 6.64 cm and the area of the circle is 314.29 sq.cm, the area of the sector is



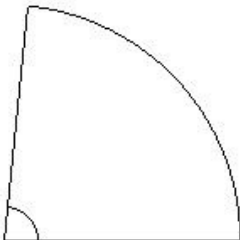
- (i) 28.18 sq.cm (ii) 30.18 sq.cm (iii) 33.18 sq.cm (iv) 36.18 sq.cm (v) 38.18 sq.cm

44. If the length of the arc of a sector is 30.54 cm and the area of the circle is 380.29 sq.cm, the perimeter of the sector is



- (i) 52.54 cm (ii) 47.54 cm (iii) 55.54 cm (iv) 49.54 cm (v) 57.54 cm

45. If the length of the arc of a sector is 20.53 cm and the area of the circle is 616.00 sq.cm, the perimeter of the circle is



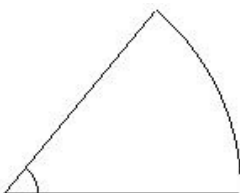
- (i) 88.00 cm (ii) 91.00 cm (iii) 83.00 cm (iv) 85.00 cm (v) 93.00 cm

46. If the length of the arc of a sector is 7.11 cm and the perimeter of the circle is 69.14 cm, the radius of the circle is



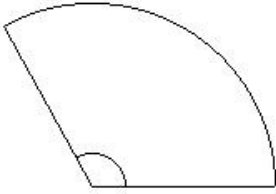
- (i) 6.00 cm (ii) 14.00 cm (iii) 8.00 cm (iv) 16.00 cm (v) 11.00 cm

47. If the length of the arc of a sector is 12.22 cm and the perimeter of the circle is 88.00 cm, the angle subtended at the center by the arc of the sector is



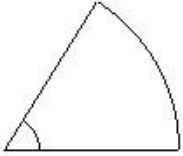
- (i) 50.00° (ii) 47.00° (iii) 55.00° (iv) 45.00° (v) 53.00°

48. If the length of the arc of a sector is 22.85 cm and the perimeter of the circle is 69.14 cm, the area of the sector is



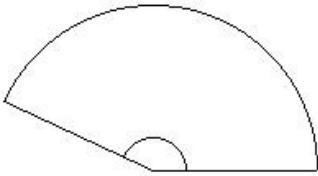
- (i) 123.71 sq.cm (ii) 108.71 sq.cm (iii) 125.71 sq.cm (iv) 130.71 sq.cm (v) 141.71 sq.cm

49. If the length of the arc of a sector is 10.13 cm and the perimeter of the circle is 62.86 cm, the perimeter of the sector is



- (i) 35.13 cm (ii) 33.13 cm (iii) 30.13 cm (iv) 25.13 cm (v) 27.13 cm

50. If the length of the arc of a sector is 27.06 cm and the perimeter of the circle is 62.86 cm, the area of the circle is



- (i) 314.29 sq.cm (ii) 298.29 sq.cm (iii) 336.29 sq.cm (iv) 299.29 sq.cm (v) 318.29 sq.cm

Assignment Key

1) (v)	2) (iv)	3) (iii)	4) (ii)	5) (i)	6) (iii)
7) (iv)	8) (v)	9) (iv)	10) (iii)	11) (iv)	12) (iii)
13) (ii)	14) (iii)	15) (ii)	16) (v)	17) (i)	18) (iv)
19) (i)	20) (iv)	21) (ii)	22) (iii)	23) (ii)	24) (iv)
25) (v)	26) (v)	27) (iv)	28) (iii)	29) (iii)	30) (iv)
31) (iii)	32) (iii)	33) (iii)	34) (v)	35) (ii)	36) (ii)
37) (v)	38) (ii)	39) (ii)	40) (iv)	41) (ii)	42) (ii)
43) (iii)	44) (i)	45) (i)	46) (v)	47) (i)	48) (iii)
49) (iii)	50) (i)				