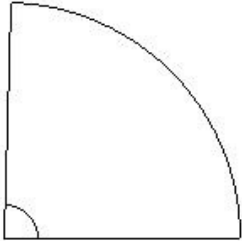


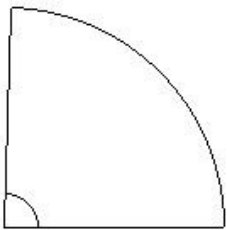


1. If the radius of a circle is 14.00 cm and the angle subtended at the center by the arc of a sector is 88.00° , the length of the arc of the sector is



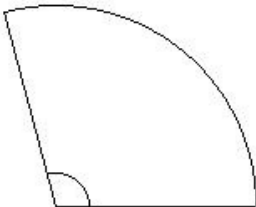
- (i) 24.51 cm (ii) 26.51 cm (iii) 16.51 cm (iv) 21.51 cm (v) 18.51 cm

2. If the radius of a circle is 13.00 cm and the angle subtended at the center by the arc of a sector is 88.00° , the area of the sector is



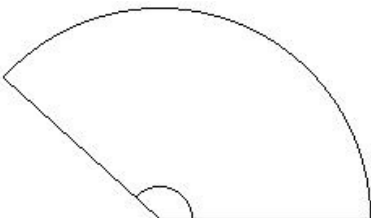
- (i) 129.83 sq.cm (ii) 157.83 sq.cm (iii) 126.83 sq.cm (iv) 105.83 sq.cm (v) 141.83 sq.cm

3. If the radius of a circle is 12.00 cm and the angle subtended at the center by the arc of a sector is 105.00° , the perimeter of the sector is



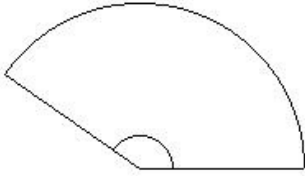
- (i) 51.00 cm (ii) 43.00 cm (iii) 41.00 cm (iv) 49.00 cm (v) 46.00 cm

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 138.00° , the area of the circle is



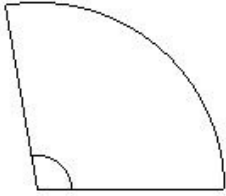
- (i) 531.14 sq.cm (ii) 547.14 sq.cm (iii) 536.14 sq.cm (iv) 529.14 sq.cm (v) 505.14 sq.cm

5. If the radius of a circle is 10.00 cm and the angle subtended at the center by the arc of a sector is 145.00° , the perimeter of the circle is



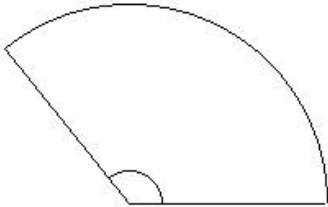
(i) 59.86 cm (ii) 57.86 cm (iii) 62.86 cm (iv) 67.86 cm (v) 65.86 cm

6. If the radius of a circle is 11.00 cm and the length of the arc of a sector is 19.21 cm, the angle subtended at the center by the arc of the sector is



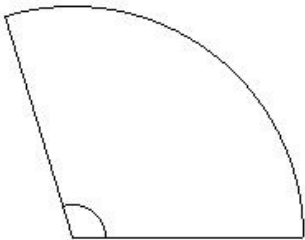
(i) 100.00° (ii) 96.00° (iii) 118.00° (iv) 75.00° (v) 127.00°

7. If the radius of a circle is 12.00 cm and the length of the arc of a sector is 27.03 cm, the area of the sector is



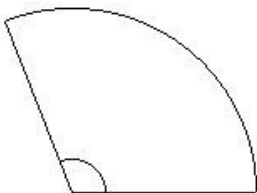
(i) 146.17 sq.cm (ii) 169.17 sq.cm (iii) 186.17 sq.cm (iv) 162.17 sq.cm (v) 147.17 sq.cm

8. If the radius of a circle is 14.00 cm and the length of the arc of a sector is 26.16 cm, the perimeter of the sector is



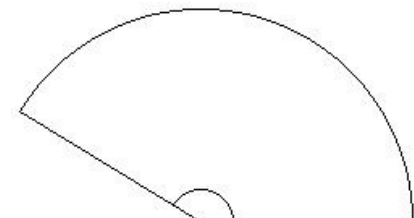
(i) 59.16 cm (ii) 49.16 cm (iii) 54.16 cm (iv) 51.16 cm (v) 57.16 cm

9. If the radius of a circle is 11.00 cm and the length of the arc of a sector is 21.32 cm, the area of the circle is



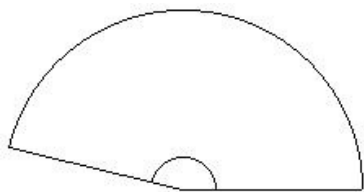
(i) 380.29 sq.cm (ii) 366.29 sq.cm (iii) 403.29 sq.cm (iv) 398.29 sq.cm

10. If the radius of a circle is 13.00 cm and the length of the arc of a sector is 33.82 cm, the perimeter of the circle is



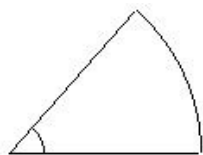
(i) 81.71 cm (ii) 84.71 cm (iii) 76.71 cm (iv) 78.71 cm (v) 86.71 cm

11. If the radius of a circle is 11.00 cm and the area of a sector is 175.36 sq.cm, the angle subtended at the center by the arc of the sector is



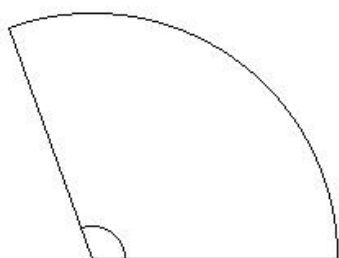
(i) 166.00° (ii) 153.00° (iii) 182.00° (iv) 181.00° (v) 152.00°

12. If the radius of a circle is 11.00 cm and the area of a sector is 51.76 sq.cm, the length of the arc of the sector is



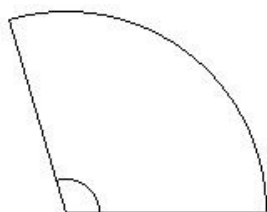
(i) 11.41 cm (ii) 10.41 cm (iii) 8.41 cm (iv) 7.41 cm (v) 9.41 cm

13. If the radius of a circle is 15.00 cm and the area of a sector is 216.07 sq.cm, the perimeter of the sector is



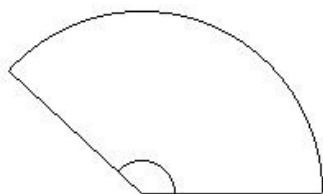
(i) 55.81 cm (ii) 61.81 cm (iii) 53.81 cm (iv) 58.81 cm (v) 63.81 cm

14. If the radius of a circle is 12.00 cm and the area of a sector is 133.26 sq.cm, the area of the circle is



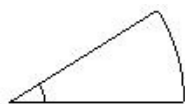
(i) 452.57 sq.cm (ii) 435.57 sq.cm (iii) 468.57 sq.cm (iv) 440.57 sq.cm

15. If the radius of a circle is 11.00 cm and the area of a sector is 145.78 sq.cm, the perimeter of the circle is



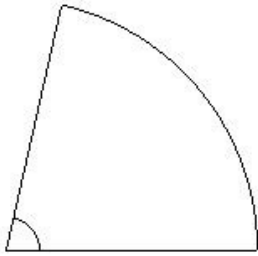
(i) 66.14 cm (ii) 64.14 cm (iii) 69.14 cm (iv) 72.14 cm (v) 74.14 cm

16. If the radius of a circle is 10.00 cm and the perimeter of a sector is 25.59 cm, the angle subtended at the center by the arc of the sector is



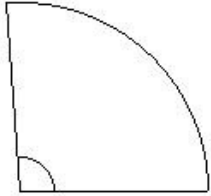
(i) 27.00° (ii) 29.00° (iii) 37.00° (iv) 32.00° (v) 35.00°

17. If the radius of a circle is 15.00 cm and the perimeter of a sector is 50.17 cm, the length of the arc of the sector is



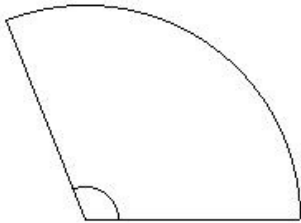
- (i) 20.17 cm (ii) 17.17 cm (iii) 25.17 cm (iv) 15.17 cm (v) 23.17 cm

18. If the radius of a circle is 11.00 cm and the perimeter of a sector is 40.05 cm, the area of the sector is



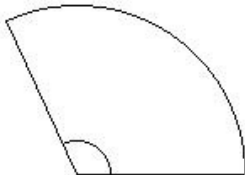
- (i) 102.30 sq.cm (ii) 104.30 sq.cm (iii) 94.30 sq.cm (iv) 96.30 sq.cm (v) 99.30 sq.cm

19. If the radius of a circle is 13.00 cm and the perimeter of a sector is 51.42 cm, the area of the circle is



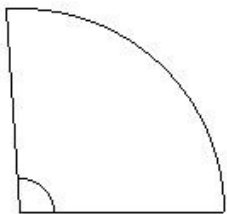
- (i) 516.14 sq.cm (ii) 531.14 sq.cm (iii) 517.14 sq.cm (iv) 539.14 sq.cm (v) 557.14 sq.cm

20. If the radius of a circle is 10.00 cm and the perimeter of a sector is 40.08 cm, the perimeter of the circle is



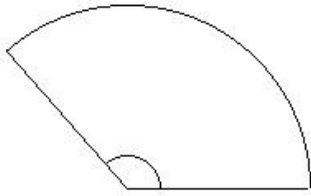
- (i) 67.86 cm (ii) 57.86 cm (iii) 62.86 cm (iv) 59.86 cm (v) 65.86 cm

21. If the area of a sector of a circle is 118.17 sq.cm and the angle subtended at the center by the arc of the sector is 94.00° , the radius of the circle is



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

22. If the area of a sector of a circle is 138.38 sq.cm and the angle subtended at the center by the arc of the sector is 131.00° , the length of the arc of the sector is



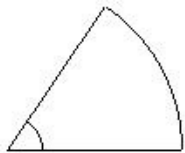
(i) 25.16 cm (ii) 28.16 cm (iii) 22.16 cm (iv) 20.16 cm (v) 30.16 cm

23. If the area of a sector of a circle is 54.59 sq.cm and the angle subtended at the center by the arc of the sector is 37.00° , the perimeter of the sector is



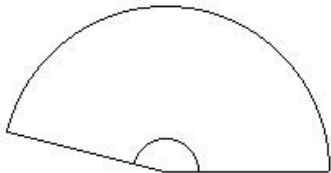
(i) 31.40 cm (ii) 39.40 cm (iii) 29.40 cm (iv) 34.40 cm (v) 37.40 cm

24. If the area of a sector of a circle is 48.89 sq.cm and the angle subtended at the center by the arc of the sector is 56.00° , the area of the circle is



(i) 289.29 sq.cm (ii) 297.29 sq.cm (iii) 314.29 sq.cm (iv) 332.29 sq.cm (v) 320.29 sq.cm

25. If the area of a sector of a circle is 144.92 sq.cm and the angle subtended at the center by the arc of the sector is 166.00° , the perimeter of the circle is



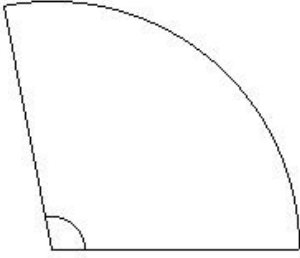
(i) 57.86 cm (ii) 59.86 cm (iii) 65.86 cm (iv) 62.86 cm (v) 67.86 cm

26. If the area of a sector of a circle is 130.99 sq.cm and the length of the arc of the sector is 23.81 cm, the radius of the circle is



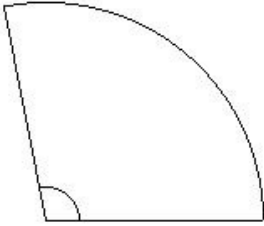
(i) 11.00 cm (ii) 16.00 cm (iii) 14.00 cm (iv) 6.00 cm (v) 8.00 cm

27. If the area of a sector of a circle is 198.39 sq.cm and the length of the arc of the sector is 26.45 cm, the angle subtended at the center by the arc of the sector is



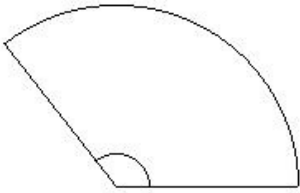
(i) 101.00° (ii) 113.00° (iii) 108.00° (iv) 84.00° (v) 87.00°

28. If the area of a sector of a circle is 149.01 sq.cm and the length of the arc of the sector is 22.92 cm, the perimeter of the sector is



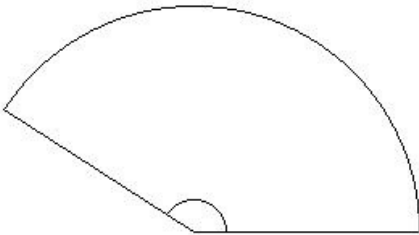
(i) 51.92 cm (ii) 43.92 cm (iii) 53.92 cm (iv) 45.92 cm (v) 48.92 cm

29. If the area of a sector of a circle is 135.21 sq.cm and the length of the arc of the sector is 24.58 cm, the area of the circle is



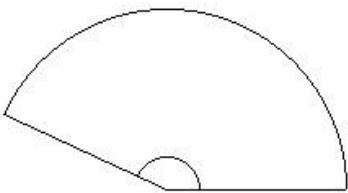
(i) 368.29 sq.cm (ii) 373.29 sq.cm (iii) 380.29 sq.cm (iv) 396.29 sq.cm (v) 393.29 sq.cm

30. If the area of a sector of a circle is 251.53 sq.cm and the length of the arc of the sector is 35.93 cm, the perimeter of the circle is



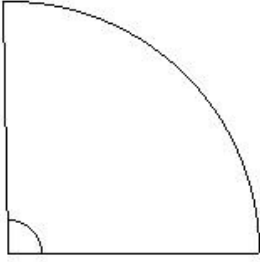
(i) 91.00 cm (ii) 83.00 cm (iii) 93.00 cm (iv) 85.00 cm (v) 88.00 cm

31. If the area of a sector of a circle is 163.74 sq.cm and the area of the circle is 380.29 sq.cm, the radius of the circle is



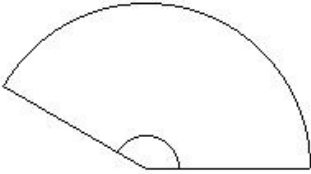
(i) 6.00 cm (ii) 8.00 cm (iii) 16.00 cm (iv) 14.00 cm (v) 11.00 cm

32. If the area of a sector of a circle is 178.75 sq.cm and the area of the circle is 707.14 sq.cm, the angle subtended at the center by the arc of the sector is



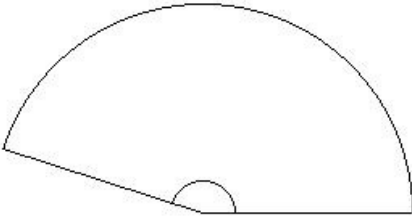
(i) 86.00° (ii) 91.00° (iii) 88.00° (iv) 96.00° (v) 94.00°

33. If the area of a sector of a circle is 130.95 sq.cm and the area of the circle is 314.29 sq.cm, the length of the arc of the sector is



(i) 29.19 cm (ii) 26.19 cm (iii) 23.19 cm (iv) 31.19 cm (v) 21.19 cm

34. If the area of a sector of a circle is 239.01 sq.cm and the area of the circle is 531.14 sq.cm, the perimeter of the sector is



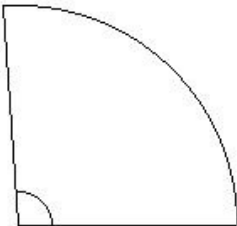
(i) 62.77 cm (ii) 59.77 cm (iii) 65.77 cm (iv) 67.77 cm (v) 57.77 cm

35. If the area of a sector of a circle is 110.00 sq.cm and the area of the circle is 314.29 sq.cm, the perimeter of the circle is



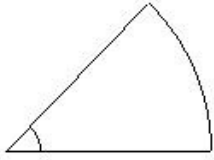
(i) 65.86 cm (ii) 57.86 cm (iii) 67.86 cm (iv) 59.86 cm (v) 62.86 cm

36. If the length of the arc of a sector is 21.34 cm and the angle subtended at the center by the arc of the sector is 94.00° , the radius of the circle is



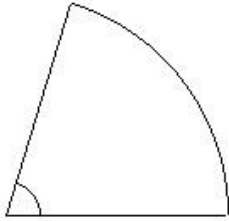
(i) 13.00 cm (ii) 8.00 cm (iii) 18.00 cm (iv) 10.00 cm (v) 16.00 cm

37. If the length of the arc of a sector is 9.64 cm and the angle subtended at the center by the arc of the sector is 46.00° , the area of the sector is



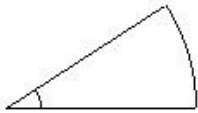
(i) 60.83 sq.cm (ii) 54.83 sq.cm (iii) 57.83 sq.cm (iv) 52.83 sq.cm (v) 62.83 sq.cm

38. If the length of the arc of a sector is 16.57 cm and the angle subtended at the center by the arc of the sector is 73.00° , the perimeter of the sector is



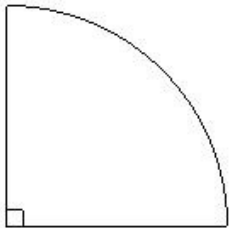
(i) 42.57 cm (ii) 39.57 cm (iii) 45.57 cm (iv) 37.57 cm (v) 47.57 cm

39. If the length of the arc of a sector is 6.34 cm and the angle subtended at the center by the arc of the sector is 33.00° , the perimeter of the circle is



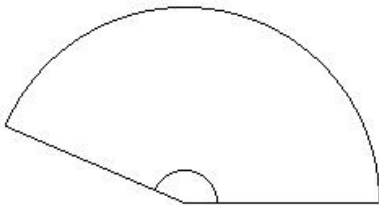
(i) 74.14 cm (ii) 72.14 cm (iii) 69.14 cm (iv) 66.14 cm (v) 64.14 cm

40. If the length of the arc of a sector is 20.43 cm and the area of the circle is 531.14 sq.cm, the radius of the circle is



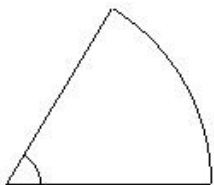
(i) 13.00 cm (ii) 10.00 cm (iii) 16.00 cm (iv) 8.00 cm (v) 18.00 cm

41. If the length of the arc of a sector is 32.90 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



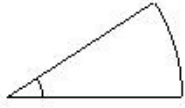
(i) 165.00° (ii) 145.00° (iii) 140.00° (iv) 182.00° (v) 157.00°

42. If the length of the arc of a sector is 12.36 cm and the area of the circle is 452.57 sq.cm, the area of the sector is



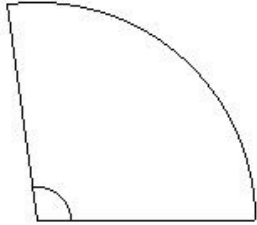
(i) 71.17 sq.cm (ii) 79.17 sq.cm (iii) 74.17 sq.cm (iv) 69.17 sq.cm (v) 77.17 sq.cm

43. If the length of the arc of a sector is 5.76 cm and the area of the circle is 314.29 sq.cm, the perimeter of the sector is



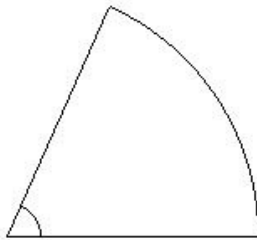
(i) 25.76 cm (ii) 22.76 cm (iii) 30.76 cm (iv) 28.76 cm (v) 20.76 cm

44. If the length of the arc of a sector is 22.24 cm and the area of the circle is 531.14 sq.cm, the perimeter of the circle is



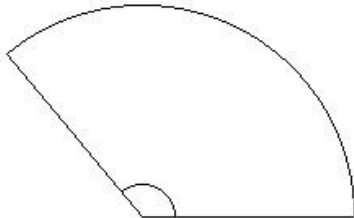
(i) 76.71 cm (ii) 81.71 cm (iii) 84.71 cm (iv) 86.71 cm (v) 78.71 cm

45. If the length of the arc of a sector is 17.29 cm and the perimeter of the circle is 94.29 cm, the radius of the circle is



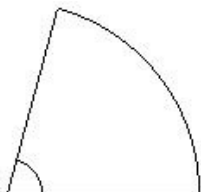
(i) 20.00 cm (ii) 12.00 cm (iii) 18.00 cm (iv) 10.00 cm (v) 15.00 cm

46. If the length of the arc of a sector is 29.51 cm and the perimeter of the circle is 81.71 cm, the angle subtended at the center by the arc of the sector is



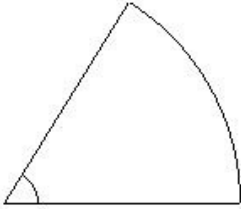
(i) 157.00° (ii) 148.00° (iii) 123.00° (iv) 130.00° (v) 105.00°

47. If the length of the arc of a sector is 14.40 cm and the perimeter of the circle is 69.14 cm, the area of the sector is



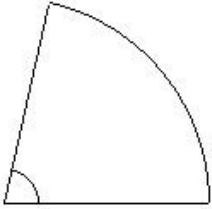
(i) 76.23 sq.cm (ii) 79.23 sq.cm (iii) 74.23 sq.cm (iv) 84.23 sq.cm (v) 82.23 sq.cm

48. If the length of the arc of a sector is 14.18 cm and the perimeter of the circle is 88.00 cm, the perimeter of the sector is



- (i) 42.18 cm (ii) 39.18 cm (iii) 37.18 cm (iv) 47.18 cm (v) 45.18 cm

49. If the length of the arc of a sector is 16.13 cm and the perimeter of the circle is 75.43 cm, the area of the circle is



- (i) 468.57 sq.cm (ii) 469.57 sq.cm (iii) 452.57 sq.cm (iv) 434.57 sq.cm

Assignment Key

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