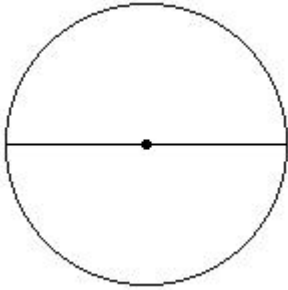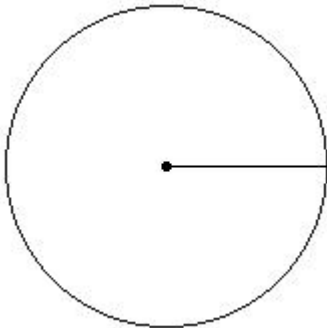# EduSahara™ Learning Center Assignment

Grade   : Class VIII, SSC
Chapter   : Area of Plane Figures
Name   : Circles
Licensed To : Teachers and Students for non-commercial use

---

1. If radius of the circle is 7.00 cm, the diameter of the circle is
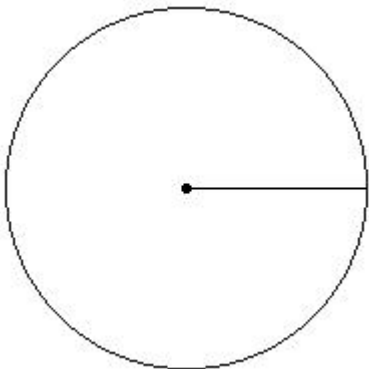

   (i) 9.00 cm (ii) 17.00 cm (iii) 14.00 cm (iv) 19.00 cm (v) 11.00 cm

---

2. If radius of the circle is 8.00 cm, the circumference of the circle is
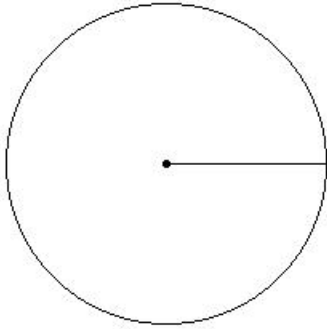

   (i) 50.29 cm (ii) 53.29 cm (iii) 55.29 cm (iv) 47.29 cm (v) 45.29 cm

---

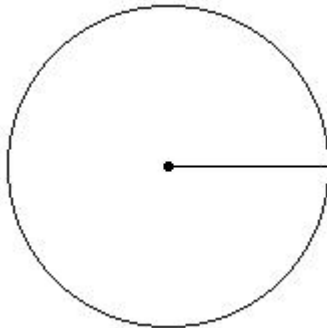3. If radius of the circle is 9.00 cm, the area of the circle is

(i) 241.57 sq.cm (ii) 246.57 sq.cm (iii) 254.57 sq.cm (iv) 260.57 sq.cm (v) 271.57 sq.cm

---

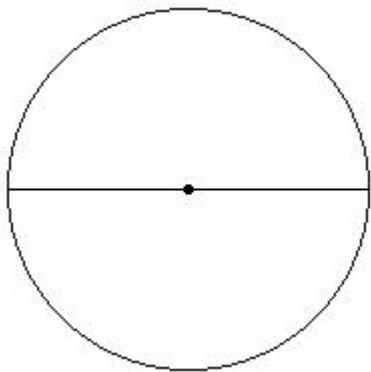4. If radius of the circle is 10.00 cm, the area of the semicircle is

(i) 173.14 sq.cm (ii) 157.14 sq.cm (iii) 145.14 sq.cm (iv) 129.14 sq.cm

---

5. If radius of the circle is 8.00 cm, the perimeter of the semicircle is
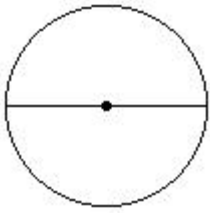

(i) 44.14 cm (ii) 41.14 cm (iii) 38.14 cm (iv) 36.14 cm (v) 46.14 cm

---

6. If diameter of the circle is 18.00 cm, the radius of the circle is
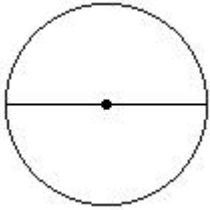

(i) 10.00 cm (ii) 8.00 cm (iii) 9.00 cm (iv) 7.00 cm (v) 11.00 cm

---

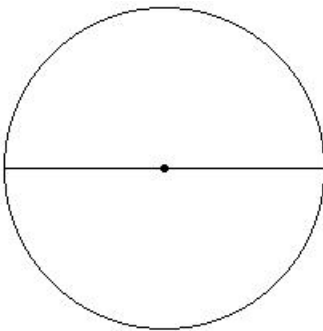7. If diameter of the circle is 10.00 cm, the circumference of the circle is

(i) 31.43 cm (ii) 34.43 cm (iii) 28.43 cm (iv) 36.43 cm (v) 26.43 cm

---

8. If diameter of the circle is 10.00 cm, the area of the circle is
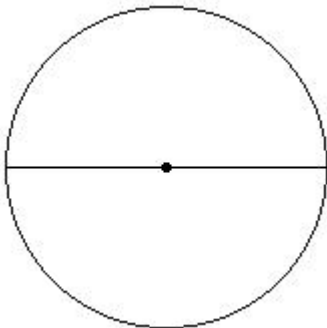

(i) 73.57 sq.cm (ii) 83.57 sq.cm (iii) 81.57 sq.cm (iv) 75.57 sq.cm (v) 78.57 sq.cm

---

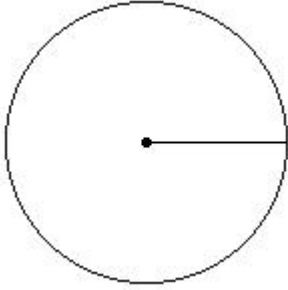9. If diameter of the circle is 20.00 cm, the area of the semicircle is

(i) 129.14 sq.cm (ii) 174.14 sq.cm (iii) 152.14 sq.cm (iv) 181.14 sq.cm (v) 157.14 sq.cm

---

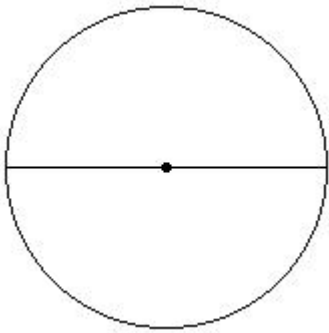10. If diameter of the circle is 16.00 cm, the perimeter of the semicircle is

(i) 41.14 cm (ii) 36.14 cm (iii) 46.14 cm (iv) 38.14 cm (v) 44.14 cm

---

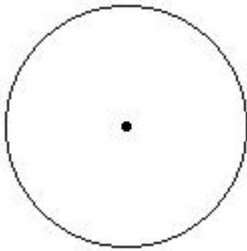11. If circumference of the circle is 44.00 cm, the radius of the circle is

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

_____

12. If circumference of the circle is 50.29 cm, the diameter of the circle is
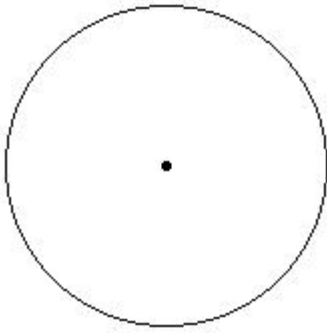
(i) 16.00 cm (ii) 11.00 cm (iii) 21.00 cm (iv) 19.00 cm (v) 13.00 cm

_____

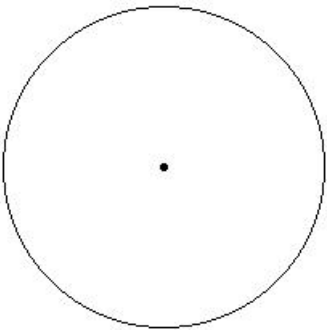13. If circumference of the circle is 37.71 cm, the area of the circle is

(i) 88.14 sq.cm (ii) 113.14 sq.cm (iii) 131.14 sq.cm (iv) 96.14 sq.cm (v) 129.14 sq.cm

_____

14. If circumference of the circle is 50.29 cm, the area of the semicircle is
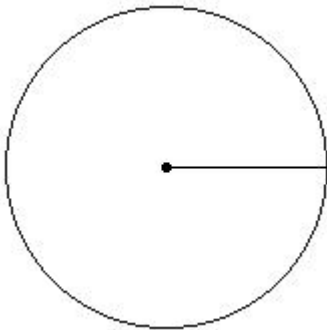
(i) 72.57 sq.cm (ii) 95.57 sq.cm (iii) 100.57 sq.cm (iv) 104.57 sq.cm (v) 122.57 sq.cm

---

15. If circumference of the circle is 62.86 cm, the perimeter of the semicircle is
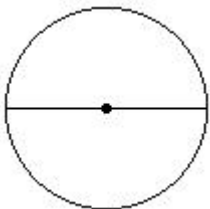
(i) 48.43 cm (ii) 46.43 cm (iii) 51.43 cm (iv) 56.43 cm (v) 54.43 cm

---

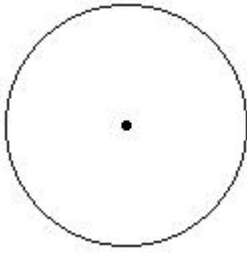16. If area of the circle is 201.14 sq.cm, the radius of the circle is

(i) 9.00 cm (ii) 8.00 cm (iii) 7.00 cm (iv) 6.00 cm (v) 10.00 cm

---

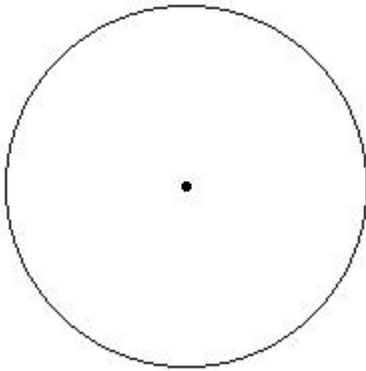17. If area of the circle is 78.57 sq.cm, the diameter of the circle is

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

---

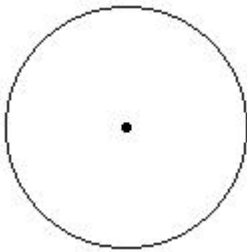18. If area of the circle is 113.14 sq.cm, the circumference of the circle is

(i) 34.71 cm (ii) 32.71 cm (iii) 42.71 cm (iv) 40.71 cm (v) 37.71 cm

---

19. If area of the circle is 254.57 sq.cm, the area of the semicircle is

(i) 149.29 sq.cm (ii) 127.29 sq.cm (iii) 143.29 sq.cm (iv) 124.29 sq.cm (v) 115.29 sq.cm

---

20. If area of the circle is 113.14 sq.cm, the perimeter of the semicircle is

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

---

Assignment Key

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