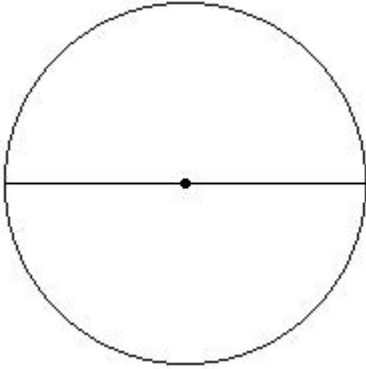


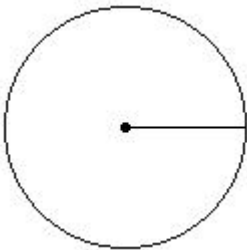
**EduSahara™ Learning Center Assignment****Grade : Class X, CBSE****Chapter : Area Related to Circles****Name : Areas Related to Circles**

1. If radius of the circle is 9.00 cm, the diameter of the circle is



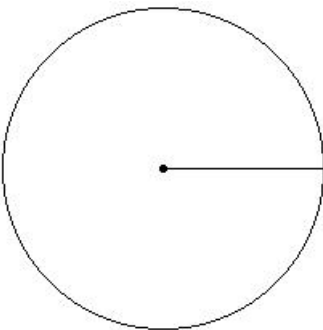
- (i) 23.00 cm (ii) 13.00 cm (iii) 15.00 cm (iv) 18.00 cm (v) 21.00 cm

2. If radius of the circle is 6.00 cm, the circumference of the circle is



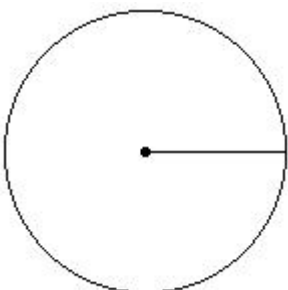
- (i) 32.71 cm (ii) 42.71 cm (iii) 34.71 cm (iv) 37.71 cm (v) 40.71 cm

3. If radius of the circle is 10.00 cm, the area of the circle is



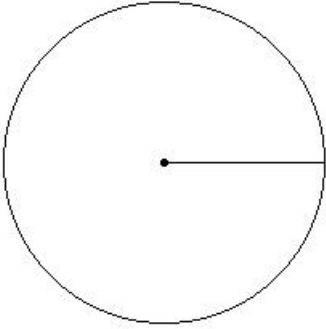
- (i) 299.29 sq.cm (ii) 342.29 sq.cm (iii) 314.29 sq.cm (iv) 301.29 sq.cm (v) 317.29 sq.cm

4. If radius of the circle is 7.00 cm, the area of the semicircle is



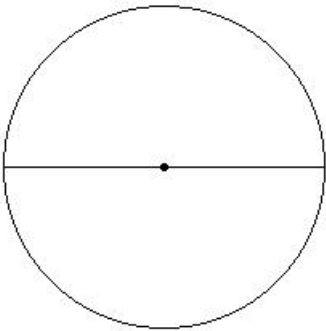
- (i) 72.00 sq.cm (ii) 77.00 sq.cm (iii) 80.00 sq.cm (iv) 74.00 sq.cm (v) 82.00 sq.cm
- 

5. If radius of the circle is 10.00 cm, the perimeter of the semicircle is



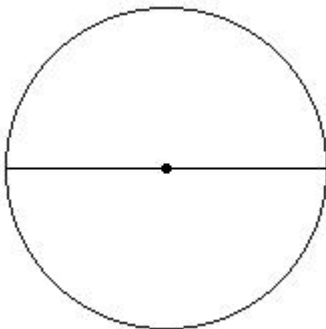
- (i) 56.43 cm (ii) 46.43 cm (iii) 51.43 cm (iv) 48.43 cm (v) 54.43 cm
- 

6. If diameter of the circle is 20.00 cm, the radius of the circle is



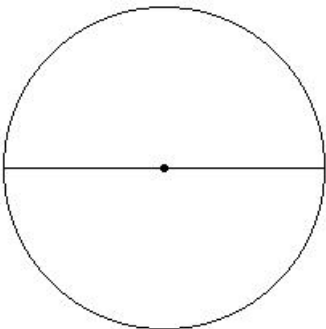
- (i) 10.00 cm (ii) 13.00 cm (iii) 7.00 cm (iv) 5.00 cm (v) 15.00 cm
- 

7. If diameter of the circle is 16.00 cm, the circumference of the circle is



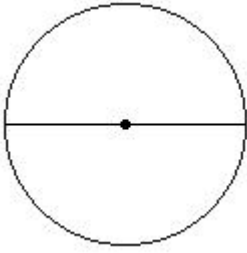
- (i) 50.29 cm (ii) 45.29 cm (iii) 47.29 cm (iv) 53.29 cm (v) 55.29 cm
- 

8. If diameter of the circle is 20.00 cm, the area of the circle is



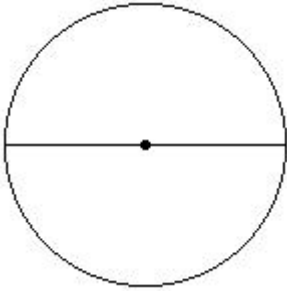
- (i) 291.29 sq.cm (ii) 314.29 sq.cm (iii) 340.29 sq.cm (iv) 308.29 sq.cm (v) 317.29 sq.cm
-

9. If diameter of the circle is 12.00 cm, the area of the semicircle is



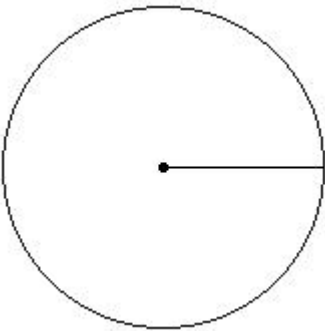
- (i) 61.57 sq.cm (ii) 51.57 sq.cm (iii) 56.57 sq.cm (iv) 53.57 sq.cm (v) 59.57 sq.cm
- 

10. If diameter of the circle is 14.00 cm, the perimeter of the semicircle is



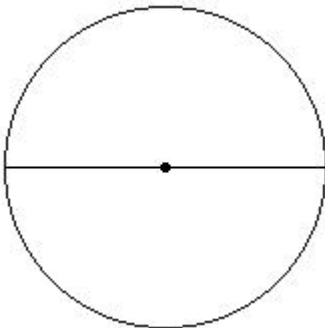
- (i) 39.00 cm (ii) 31.00 cm (iii) 33.00 cm (iv) 36.00 cm (v) 41.00 cm
- 

11. If circumference of the circle is 50.29 cm, the radius of the circle is



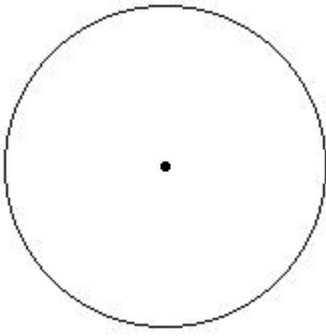
- (i) 6.00 cm (ii) 7.00 cm (iii) 10.00 cm (iv) 8.00 cm (v) 9.00 cm
- 

12. If circumference of the circle is 50.29 cm, the diameter of the circle is



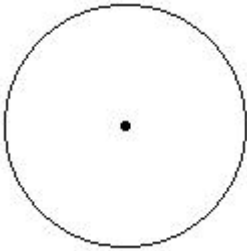
- (i) 19.00 cm (ii) 16.00 cm (iii) 11.00 cm (iv) 21.00 cm (v) 13.00 cm
- 

13. If circumference of the circle is 50.29 cm, the area of the circle is



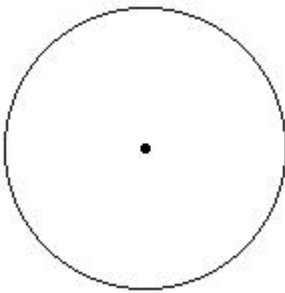
- (i) 174.14 sq.cm (ii) 201.14 sq.cm (iii) 225.14 sq.cm (iv) 193.14 sq.cm (v) 214.14 sq.cm
- 

14. If circumference of the circle is 37.71 cm, the area of the semicircle is



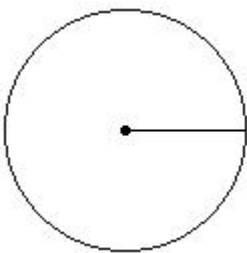
- (i) 61.57 sq.cm (ii) 56.57 sq.cm (iii) 51.57 sq.cm (iv) 59.57 sq.cm (v) 53.57 sq.cm
- 

15. If circumference of the circle is 44.00 cm, the perimeter of the semicircle is



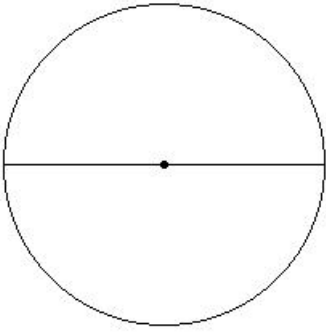
- (i) 33.00 cm (ii) 39.00 cm (iii) 31.00 cm (iv) 36.00 cm (v) 41.00 cm
- 

16. If area of the circle is 113.14 sq.cm, the radius of the circle is



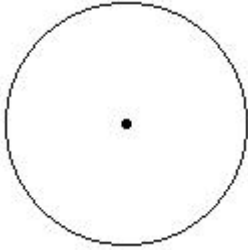
- (i) 8.00 cm (ii) 4.00 cm (iii) 7.00 cm (iv) 6.00 cm (v) 5.00 cm
- 

17. If area of the circle is 314.29 sq.cm, the diameter of the circle is



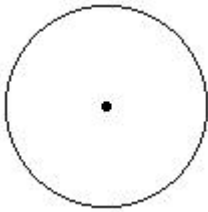
- (i) 17.00 cm (ii) 23.00 cm (iii) 25.00 cm (iv) 15.00 cm (v) 20.00 cm
- 

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



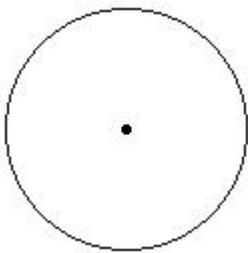
- (i) 32.71 cm (ii) 37.71 cm (iii) 42.71 cm (iv) 40.71 cm (v) 34.71 cm
- 

19. If area of the circle is 78.57 sq.cm, the area of the semicircle is



- (i) 36.29 sq.cm (ii) 34.29 sq.cm (iii) 42.29 sq.cm (iv) 39.29 sq.cm (v) 44.29 sq.cm
- 

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



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

**Assignment Key**

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