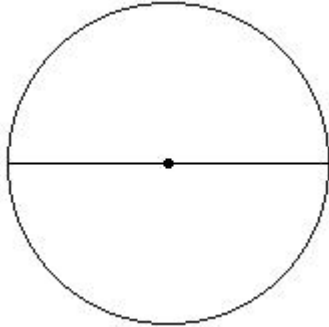


**EduSahara™ Learning Center Assignment**

**Grade** : Class VIII, CBSE  
**Chapter** : Mensuration  
**Name** : Perimeter and Area of Circles  
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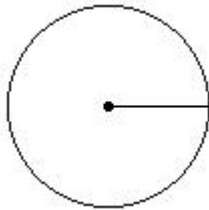
1. If radius of the circle is 8.00 cm, the diameter of the circle is



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

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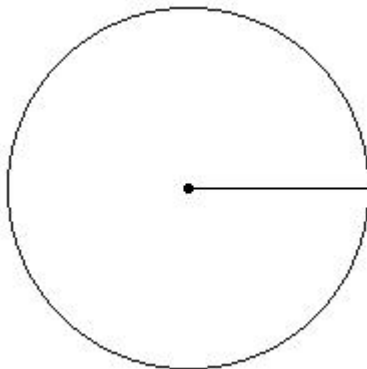
2. If radius of the circle is 5.00 cm, the circumference of the circle is



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

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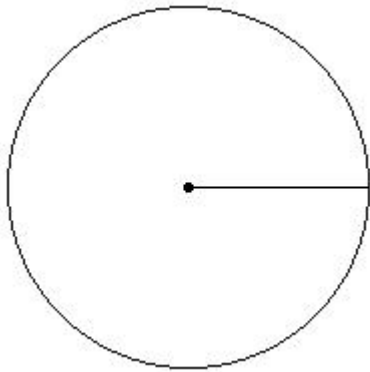
3. If radius of the circle is 9.00 cm, the area of the circle is



(i) 266.57 sq.cm (ii) 254.57 sq.cm (iii) 271.57 sq.cm (iv) 241.57 sq.cm (v) 238.57 sq.cm

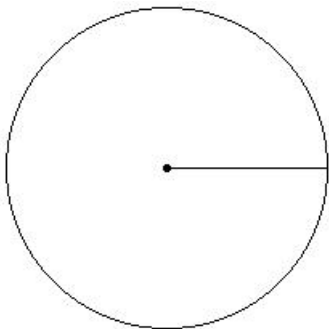
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4. If radius of the circle is 9.00 cm, the area of the semicircle is



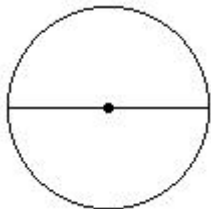
- (i) 145.29 sq.cm (ii) 153.29 sq.cm (iii) 112.29 sq.cm (iv) 127.29 sq.cm (v) 105.29 sq.cm
- 

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



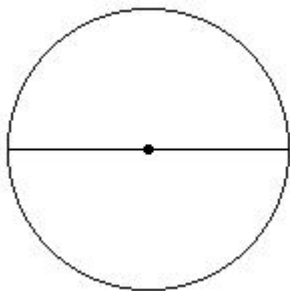
- (i) 51.43 cm (ii) 56.43 cm (iii) 54.43 cm (iv) 46.43 cm (v) 48.43 cm
- 

6. If diameter of the circle is 10.00 cm, the radius of the circle is



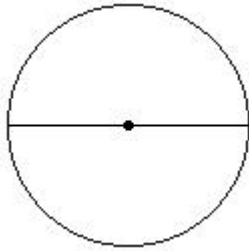
- (i) 7.00 cm (ii) 3.00 cm (iii) 6.00 cm (iv) 5.00 cm (v) 4.00 cm
- 

7. If diameter of the circle is 14.00 cm, the circumference of the circle is



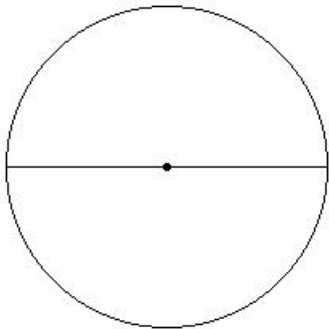
- (i) 41.00 cm (ii) 49.00 cm (iii) 44.00 cm (iv) 47.00 cm (v) 39.00 cm
-

8. If diameter of the circle is 12.00 cm, the area of the circle is



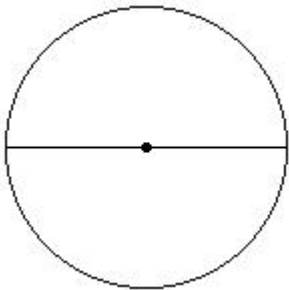
- (i) 109.14 sq.cm (ii) 90.14 sq.cm (iii) 140.14 sq.cm (iv) 113.14 sq.cm (v) 125.14 sq.cm
- 

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



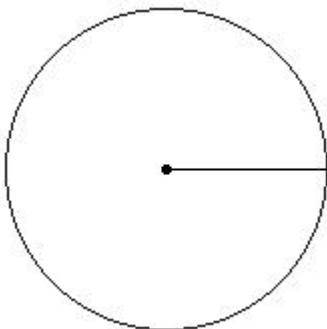
- (i) 185.14 sq.cm (ii) 135.14 sq.cm (iii) 152.14 sq.cm (iv) 157.14 sq.cm (v) 174.14 sq.cm
- 

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



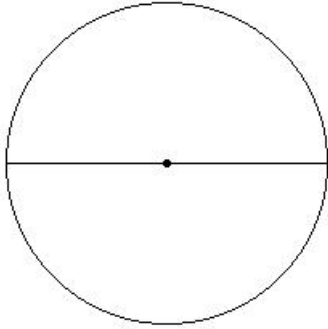
- (i) 31.00 cm (ii) 36.00 cm (iii) 33.00 cm (iv) 41.00 cm (v) 39.00 cm
- 

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



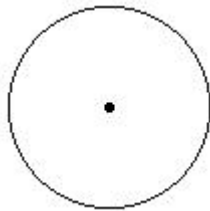
- (i) 9.00 cm (ii) 6.00 cm (iii) 7.00 cm (iv) 10.00 cm (v) 8.00 cm
-

12. If circumference of the circle is 62.86 cm, the diameter of the circle is



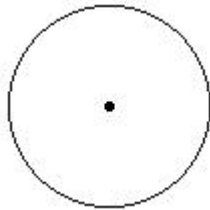
- (i) 15.00 cm (ii) 23.00 cm (iii) 20.00 cm (iv) 25.00 cm (v) 17.00 cm
- 

13. If circumference of the circle is 31.43 cm, the area of the circle is



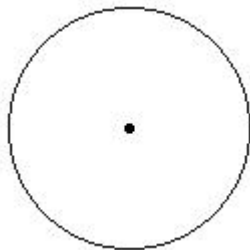
- (i) 75.57 sq.cm (ii) 83.57 sq.cm (iii) 81.57 sq.cm (iv) 73.57 sq.cm (v) 78.57 sq.cm
- 

14. If circumference of the circle is 31.43 cm, the area of the semicircle is



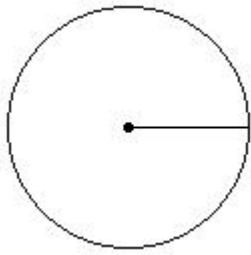
- (i) 34.29 sq.cm (ii) 44.29 sq.cm (iii) 39.29 sq.cm (iv) 42.29 sq.cm (v) 36.29 sq.cm
- 

15. If circumference of the circle is 37.71 cm, the perimeter of the semicircle is



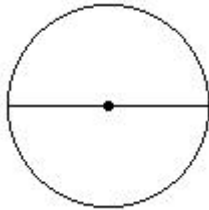
- (i) 27.86 cm (ii) 25.86 cm (iii) 30.86 cm (iv) 33.86 cm (v) 35.86 cm
- 

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



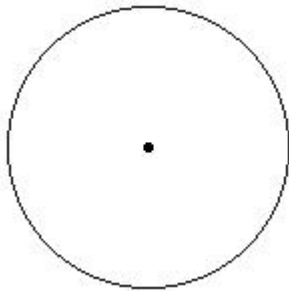
- (i) 6.00 cm (ii) 8.00 cm (iii) 5.00 cm (iv) 7.00 cm (v) 4.00 cm
- 

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



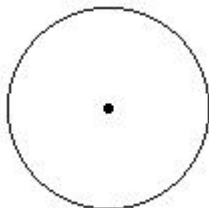
- (i) 10.00 cm (ii) 5.00 cm (iii) 7.00 cm (iv) 15.00 cm (v) 13.00 cm
- 

18. If area of the circle is 154.00 sq.cm, the circumference of the circle is



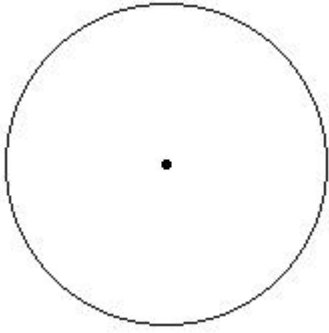
- (i) 44.00 cm (ii) 47.00 cm (iii) 41.00 cm (iv) 39.00 cm (v) 49.00 cm
- 

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



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

20. If area of the circle is 201.14 sq.cm, the perimeter of the semicircle is



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

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## Assignment Key

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