# RS Aggarwal Solutions for Class 6 Maths Chapter 18–Circles

Class 6 - Chapter 18 Circles


For any clarifications or questions you can write to **info@indcareer.com**

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# RS Aggarwal Solutions for Class 6 Maths Chapter 18–Circles

Class 6: Maths Chapter 18 solutions. Complete Class 6 Maths Chapter 18 Notes.

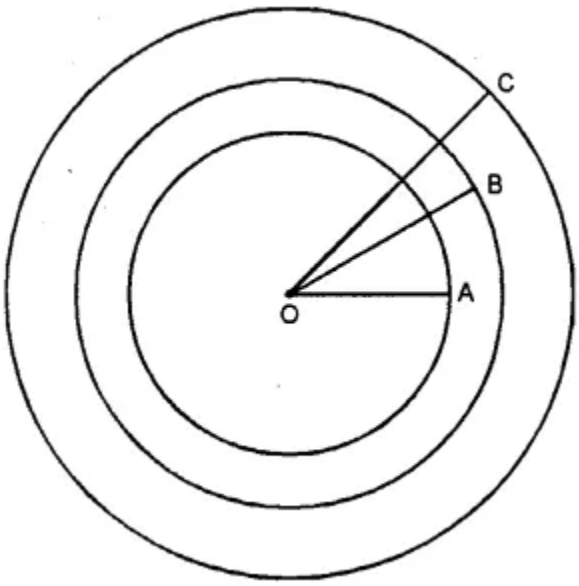
## RS Aggarwal Solutions for Class 6 Maths Chapter 18–Circles

RS Aggarwal 6th Maths Chapter 18, Class 6 Maths Chapter 18 solutions

**Question 1.**

**Solution:**

Method :



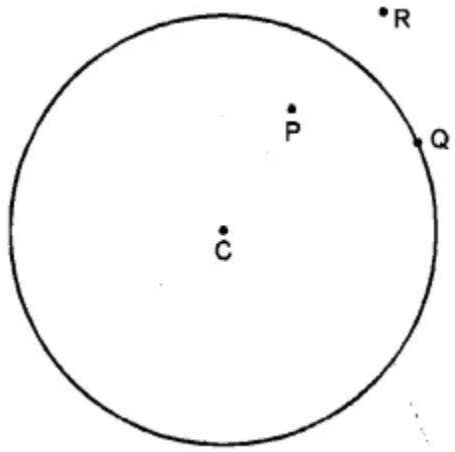

Take a point O on the paper as shown in the figure. With the help of the rular, open out compasses in such a way that the distance between the metal point and pencil point is 4 cm. Take the compasses in the same position and put its metal point at O and draw the circle.

Remove the compasses and again open out the compasses in such a way that the distance between the metal point and pencil point is 5.3 cm. Taking O as the centre, draw another circle. Again remove the compasses and similarly draw the third circle with radius 6.2 cm. Then the required circles are as shown in the figure which have radius OA = 4 cm., OB = 5.3 cm. and OC = 6.2 cm.

**Question 2.**

**Solution:**

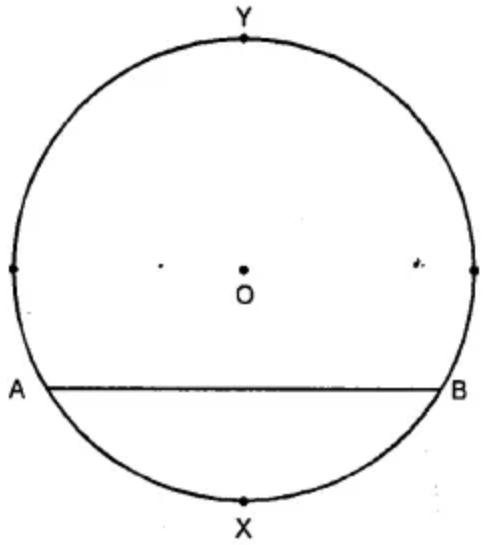
Method : Take a point C on the paper. With the help of the rular, open out the compasses in such a way that the distance between its metal point and pencil point is 4.5 cm. Take the compasses in the same position and put its metal point at C and draw the circle. Mark points P, Q and R as shown in the figure as required.




**Question 3.**

**Solution:**

Method : Take a point O on the paper. With the help of the rular, open out the compasses in such a way that the distance between the metal point and pencil point is 4 cm. Take the compasses in the same position and put the metal point at O and draw the circle.




Take A and B any points on the circle and join AB. ThenAB is the chord of the circle. Mark points X and Y on the circle as shown. Then arc AXB and arc AYB are the required minor and major arcs respectively.

**Question 4.**

**Solution:**

(i) False

(ii) True

(iii) False

(iv) False

(v) True.

**Question 5.**

**Solution:**

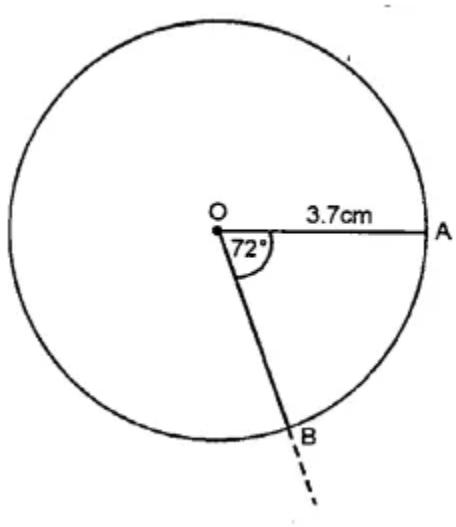
Steps of construction :

(i) With centre O and radius 3.7 cm, draw a circle.

(ii) Take a point A on the circumference of the circle.

(iii) Join OA.

(iv) At O, draw another radius OB such that ∠AOB = 72° with the help of protractor. Then sector AOB is the required one.




**Question 6.**

**Solution:**

(i) > (ii) < (iii) > (iv) >. Ans.

**Question 7.**

**Solution:**

(i) Passes through

(ii) at the centre, on the circle

(iii) chord

(iv) arc

(v) sector.

# RS Aggarwal Class 6 Solutions

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He was born on January 2, 1946 in a village of Delhi. He graduated from Kirori Mal College, University of Delhi. After completing his M.Sc. in Mathematics in 1969, he joined N.A.S. College, Meerut, as a lecturer. In 1976, he was awarded a fellowship for 3 years and joined the University of Delhi for his Ph.D. Thereafter, he was promoted as a reader in N.A.S. College, Meerut. In 1999, he joined M.M.H. College, Ghaziabad, as a reader and took voluntary retirement in 2003. He has authored more than 75 titles ranging from Nursery to M. Sc. He has also written books for competitive examinations right from the clerical grade to the I.A.S. level.

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