

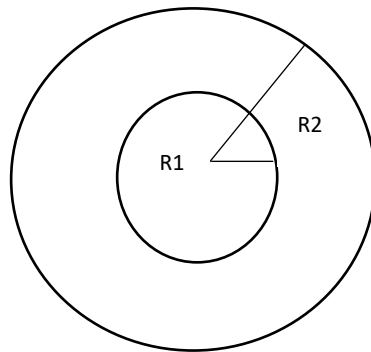


## STANDARD 5<sup>TH</sup>: CHAPTER 7

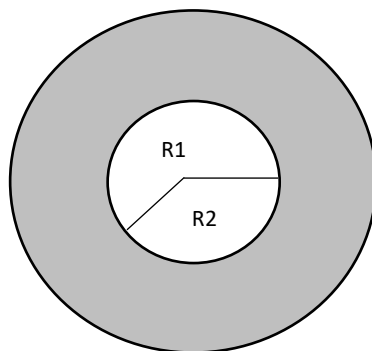
### CH. CIRCLE

Q.1 Find area & circumference of circle with radius = 7 cm

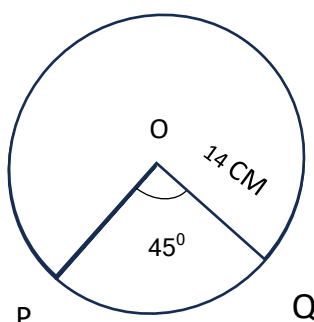
Q.2 As shown in figure, there is a circular track inside garden. Circumference of inner side of track is 1012 m. & that of outer side of track side of track is 1056 m. Find width of track.



Q.3 Find area of shaded portion. Radii of inner & outer circles are 49cm & 56 cm respectively.



Q.4 Find area of sector with radius = 14 cm & angle subtended between OP & OQ =  $45^\circ$



Q.5 Find area of circle having radius = 35 mm.

Q.6 Find area of circle whose circumference is 44 cm.

Q.7 Find rad of circle whose area of circumfedrence are equal.

Q.8 Find circumference of circle whose area  $u38 \frac{1}{2} \text{ cm}^2$

Q.9 A wall compound was conducted around circular ground of rad 56m.

Cost is Rs. 100 per m. Find total cost

Q.10 If ratio of 2 radii is 2:3 find ratio of areas.

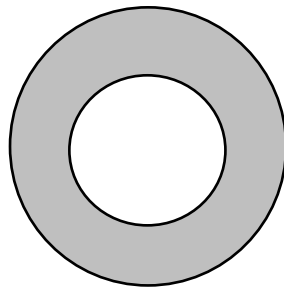
Q.11 If ratio of radii of 2 circles is 3:4 Find ratio of their circumferences.

Q.12 An athlete runs daily 5 rounds of ground having rad 350m.

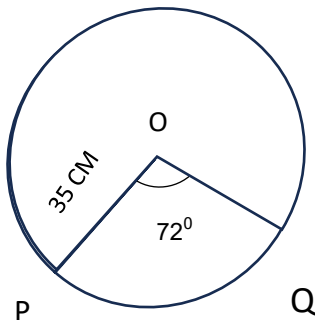
How many km he runs daily?

Q.13 Find area of shaded portion. If inner & outer radii are 21cm &

28 cm respectively.

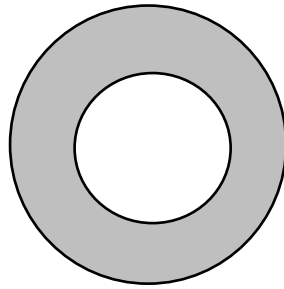


Q.14 Find area of sector if radius of circle = 35mm & angle subtended is  $72^\circ$ .

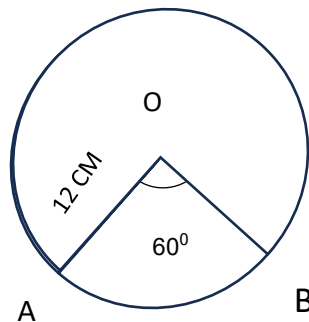


Q.15 A Jogging track is shown in figure has inner & outer radii 49m &  $52\frac{1}{2}$  m.

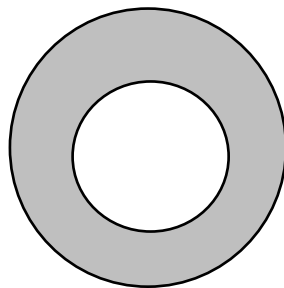
Find its area



Q.16 Find area of sector, whose rad is 12 cm & angle subtended by a & c is  $60^\circ$ .



Q.17 Find area of shaded portion if radii of inner & outer circle are 210mm & 224mm respectively.



Q.18 Ratio of areas of 2 circles is 25:9, Find ratio of radii.

Q.19 If ratio of circumferences of 2 circles is 16:9. Find ratio of their radii.

Q.20 If ratio of circumferences of 2 circles is 16:25. Find ratio of their areas –