

2A.7 Learning Opportunity

Name: _____

Measurement: Circumference and circular area

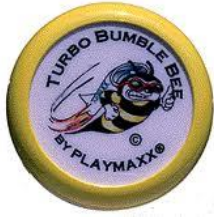


Calculate a rough estimate ($\pi \approx 3$) of the circumference of each of the three circles shown below.

1) $d = 5.5$ cm.

2) $r = 4.5$ in.

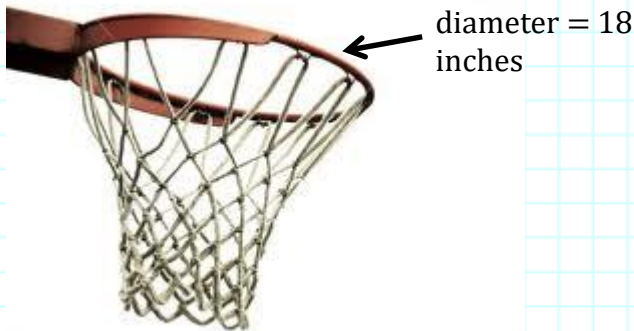
3) $d = 14$ in.



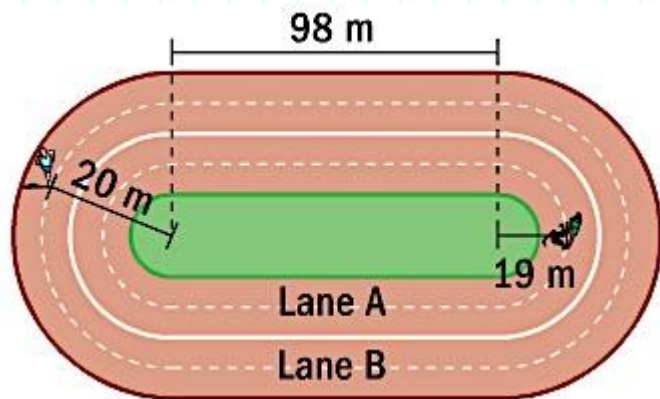
SAT test question

- 4) A square and a circle drawn in the same plane can intersect in at most how many points?
- A) 8
 - B) 6
 - C) 4
 - D) 3
 - E) 2

- 5) Estimate the circumference of the basketball hoop show below (use $\pi \approx 3.14$)

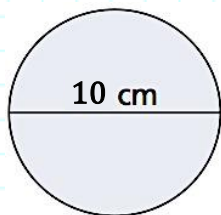


- 6) The ends of the track shown are semicircles (half of a circle). Exactly how much farther would you run in 10 laps in the center of lane B than if you ran in the center of Lane A?

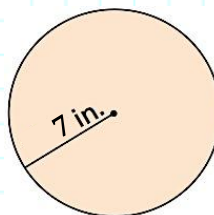


Estimate the area of each circle below using 3.14 for π . If necessary, round your answer to the nearest tenth.

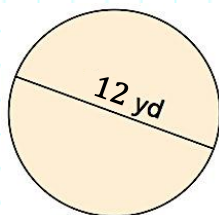
7)



8)



9)



10)

