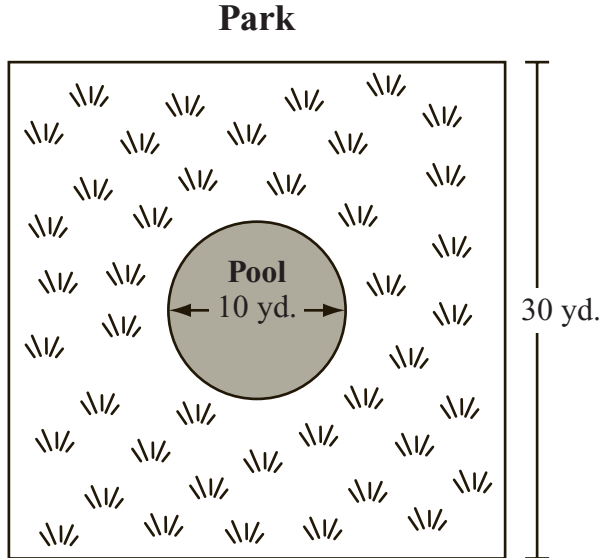


12

A circular pool is located in the center of a square park. The park, the pool, and some of their dimensions are shown in the diagram below.



- What is the radius, in yards, of the pool? Show or explain how you got your answer.
- What is the circumference, in yards, of the pool? Show or explain how you got your answer. (Use 3.14 for π .)
- What is the area, in square yards, of the pool? Show or explain how you got your answer. (Use 3.14 for π .)

The ground in the park surrounding the pool is covered with grass.

- What is the total area, in square yards, of the ground in the park that is covered with grass? Show or explain how you got your answer.