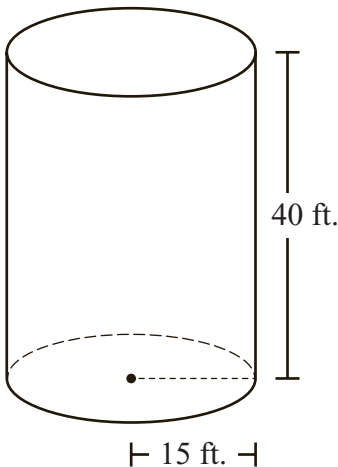


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A water tank in the shape of a right circular cylinder has a height of 40 feet and a radius of 15 feet, as shown in the diagram below.



Based on the diagram, what is the volume, in cubic feet, of the water tank?

- A. 225π
- B. 600π
- C. 1200π
- D. 9000π