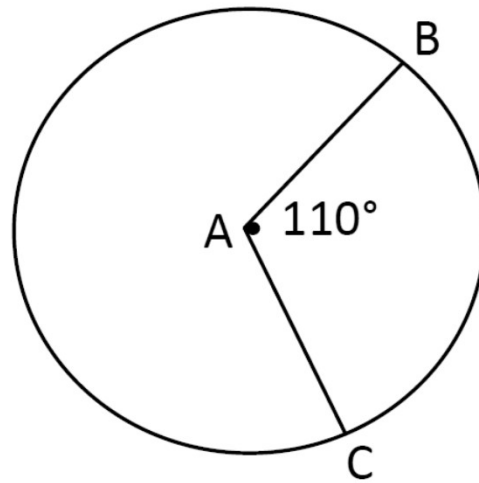


28. Circle A has an area of  $81\pi$ . What is the length of arc BC?

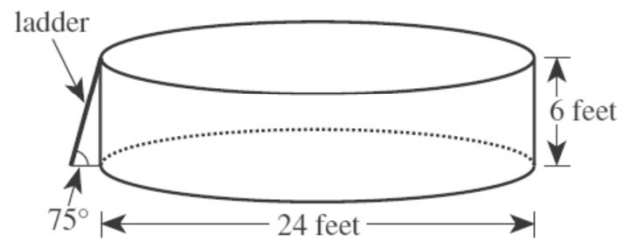
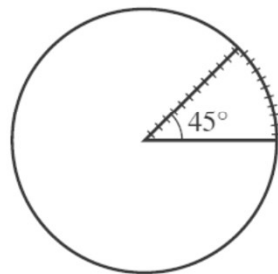
- F.  $5.5\pi$
- G.  $8\pi$
- H.  $24.75\pi$
- J.  $81\pi$
- K.  $324\pi$



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30. A plastic cover is made for the pool. The cover will rest on the top of the pool and will include a wedge-shaped flap that forms a  $45^\circ$  angle at the center of the cover, as shown in the figure below. A zipper will go along 1 side of the wedge-shaped flap and around the arc. Which of the following is closest to the length, in feet, of the zipper?



- F. 17
- G. 22
- H. 24
- J. 29
- K. 57

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