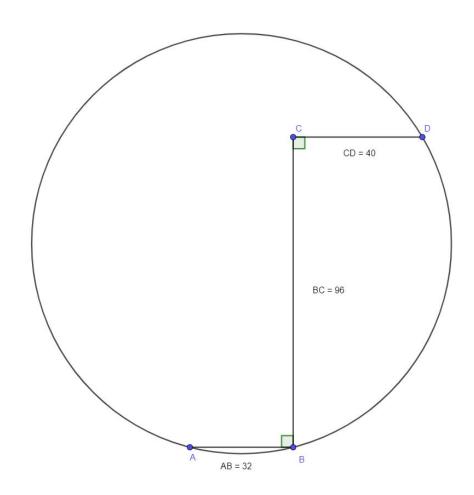
Pi Mu Epsilon Problem of the Month February 2024

Find R, the radius of the circle.



Problem of the Month Rules:

- **X** Submissions must include a complete mathematical justification along with the answer.
- **X** Submissions may only be made by individuals or groups of two and must be dated.
- # Due date: February 26, 2024 before 5 p.m. to one of Drs. Poplin, Shoenthal, Ledford, or Hoehner.

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