## Pi Mu Epsilon <br> Problem of the Month February 2024

Find $R$, the radius of the circle.


Problem of the Month Rules:
$\mathscr{H}$ Submissions must include a complete mathematical justification along with the answer.
H Submissions may only be made by individuals or groups of two and must be dated.
Hf Due date: February 26, 2024 before 5 p.m. to one of Drs. Poplin, Shoenthal, Ledford, or Hoehner.
To get your own copy, please visit: http://www.longwood.edu/mathematics/

