**13.** In the diagram below P, Q and R represent the positions of Portlee, Queenstown and Rushton respectively.
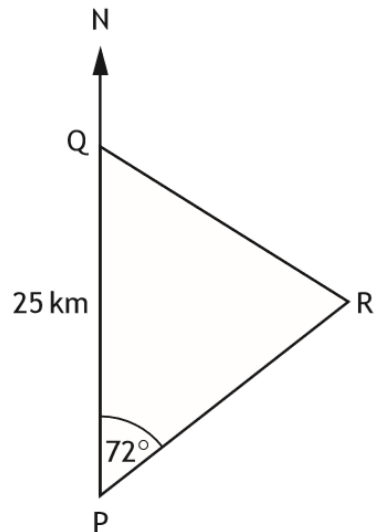


Portlee is 25 kilometres due South of Queenstown.
From Portlee, the bearing of Rushton is 072°.
From Queenstown, the bearing of Rushton is 128°.

Calculate the distance between Portlee and Rushton.

**Do not use a scale drawing.** 4