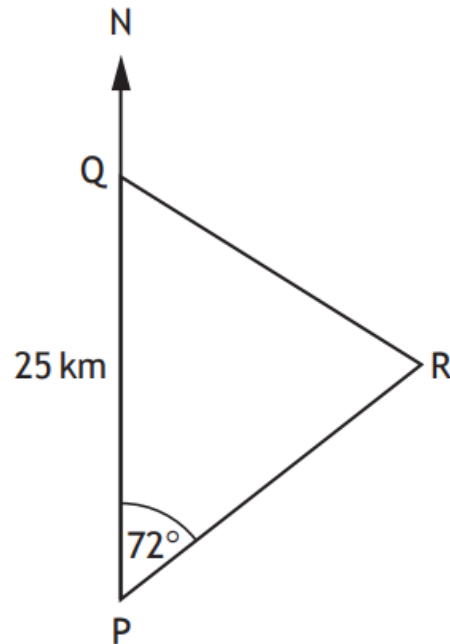


National 5 Maths
SQA 2015 Paper 2
Question 13

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

Answer:

23.8 km