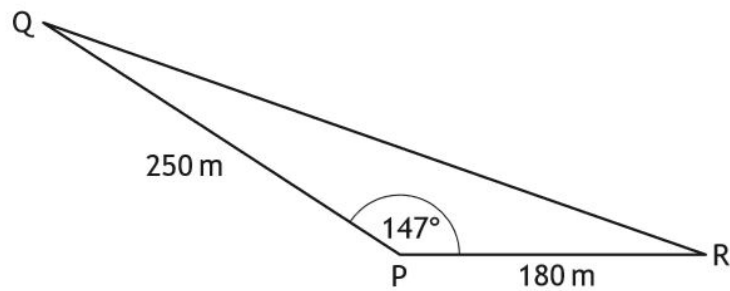


Qualification: SQA National 5 Mathematics 2017

Paper: 2 (Calculator)

Question: 3

3. A piece of land is in the shape of a triangle as shown.



- $PQ = 250$ metres
- $PR = 180$ metres
- $\text{angle } QPR = 147^\circ$

The owner wishes to build a fence along the side QR.

Calculate the length of the fence.

3