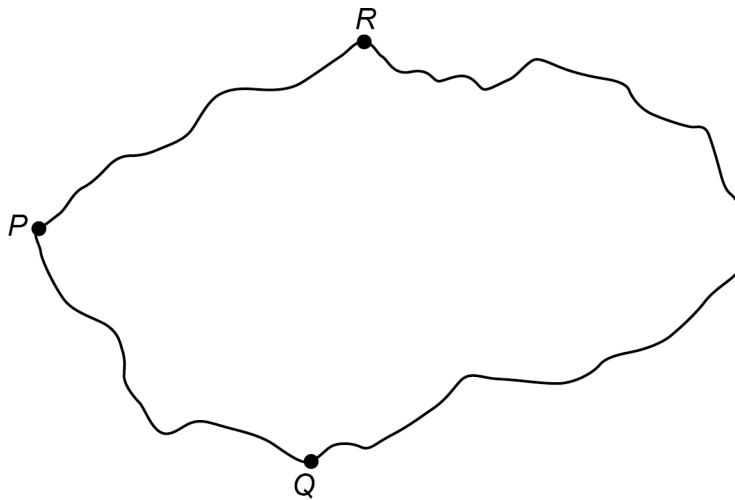


9 Towns  $P$ ,  $Q$  and  $R$  are connected by roads  $PQ$ ,  $PR$  and  $QR$ .

$PR$  is 10 km longer than  $PQ$ .

$QR$  is twice as long as  $PR$ .

The total length of the three roads is 170 km



Not drawn  
accurately

Work out the length of  $PQ$ .

[4 marks]

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Answer \_\_\_\_\_ km

