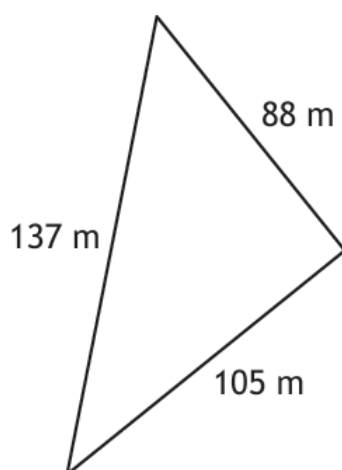


National 5 Maths
QS 2026 Paper 2
Question 7

A triangle has sides of length 88 metres, 105 metres and 137 metres.



Determine whether the triangle is right-angled.

Justify your answer.

3

Answer:

$88^2 + 105^2 = 137^2$, so by the Converse of Pythagoras' Theorem, the triangle is right-angled.