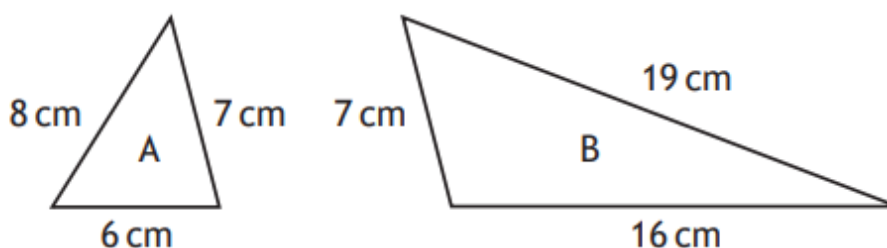
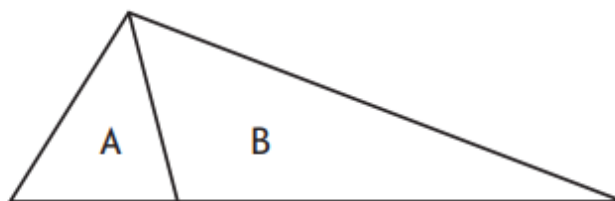




Triangles A and B are shown below.



The triangles are placed together to form the larger triangle shown below.



Is this larger triangle right-angled?

3

Justify your answer.

Answer:

$8^2 + 19^2 \neq 22^2$ so by the Converse of Pythagoras, the larger triangle is not right-angled.