

QUESTION

Given the following information, find the length of the hypotenuse of the right triangle.

$\angle C = 90^\circ$



ANSWER

$$\begin{aligned}x^2 &= 12^2 + 16^2 \\x^2 &= 144 + 256 \\x^2 &= 400 \\x &= \sqrt{400} \\x &= 20\end{aligned}$$