



$$x = b$$

$$a^2 + b^2 = c^2$$

$$\begin{aligned}
 (4 \text{ cm})^2 + b^2 &= (5 \text{ cm})^2 \\
 16 \text{ cm}^2 + b^2 &= 25 \text{ cm}^2 \\
 -16 \text{ cm}^2 &\quad -16 \text{ cm}^2
 \end{aligned}$$

$$b^2 = 9 \text{ cm}^2$$

$$\sqrt{b^2} = \sqrt{9 \text{ cm}^2}$$

$$b = 3 \text{ cm}$$

Homework Questions :

