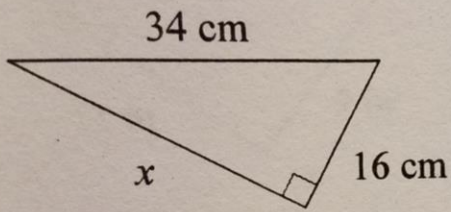


4)



$$x^2 + 16^2 = 34^2$$

$$x^2 + 256 = 1156$$

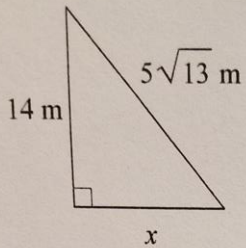
$$\begin{array}{r} -256 \\ -256 \end{array} \quad -256$$

$$\sqrt{x^2} = \sqrt{900}$$

$$x = \boxed{30 \text{ cm}}$$

6)

16)



$$14^2 + x^2 = (5\sqrt{13})^2$$

$$196 + x^2 = 325$$

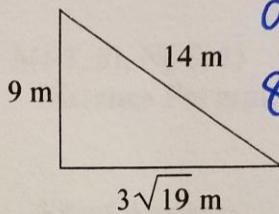
$$\begin{array}{r} -196 \\ -196 \end{array}$$

$$x^2 = 129$$

$$x = \boxed{\sqrt{129} \text{ m}}$$

18)

29)



$$9^2 + (3\sqrt{19})^2 = 14^2$$

$$81 + 171 = 196$$

$$252 > 196$$

ACUTE