

6. area of Square = 441 m^2

$$\text{Side}^2 = 441$$

$$\Rightarrow \text{Side} = \sqrt{441}$$

$$= \sqrt{3^2 \times 7^2}$$

$$= 3 \times 7$$

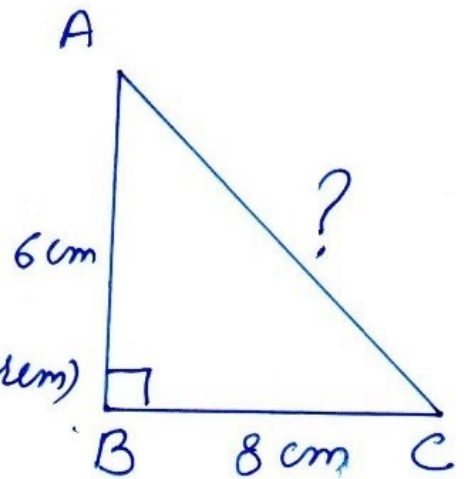
$$= 21 \text{ m}$$



7① In rt ΔABC

$$AC^2 = AB^2 + BC^2$$

(Pythagoras theorem)



$$= 6^2 + 8^2$$

$$= 36 + 64$$

$$AC = \sqrt{100}$$

$$= \sqrt{2^2 \times 5^2}$$

$$= 2 \times 5$$

$$= 10$$