

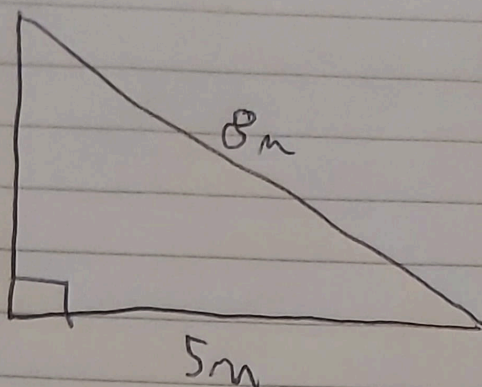
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$$a^2 + b^2 = c^2$$

$$b^2 = c^2 - a^2$$

$$b^2 = 8^2 - 5^2$$

$$b^2 = 64 - 25$$

$$b^2 = 39$$

$$b = \sqrt{39} = 6.24m$$

$$ac = 6.24m$$