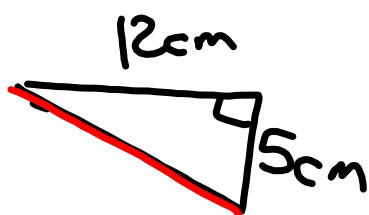


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Q5 b)

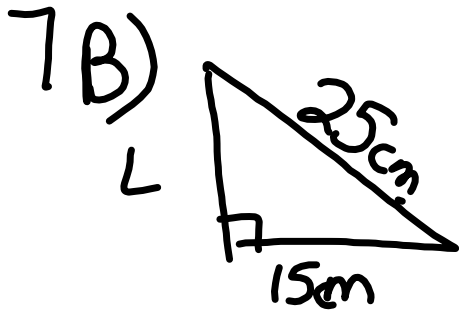


$$c^2 = 12^2 + 5^2$$

$$c^2 = 144 + 25$$

$$c = \sqrt{169}$$

$$c = 13$$



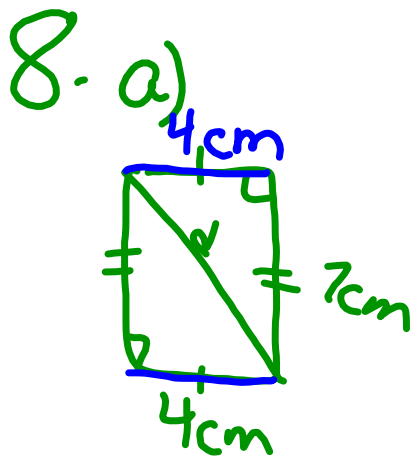
$$c^2 = a^2 + b^2$$

$$25_{\text{cm}}^2 = a^2 + 15_{\text{cm}}^2$$

$$625_{\text{cm}^2} = a^2 + 225_{\text{cm}^2} - 225$$

$$\sqrt{400} = \sqrt{a^2}$$

$$20 = a_{\text{cm}}$$



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

$$c^2 = 4^2_{\text{cm}} + 7^2_{\text{cm}}$$

$$c^2 = 16\text{cm}^2 + 49\text{cm}^2.$$

$$\sqrt{c^2} = \sqrt{65\text{cm}^2}$$

$$c = 8.1\text{cm}$$