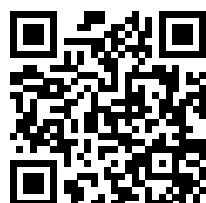




## **SoulShift - Educational Q&A Platform**

### **General Questions**

Practice Questions



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**Q1. What is the length of the diagonal of a rectangle with length 5 cm and width 12 cm?**

- A. 13 cm
- B. 10 cm
- C. 15 cm
- D. 14 cm

*Solution: Using Pythagorean theorem: diagonal =  $\sqrt{\text{length}^2 + \text{width}^2} = \sqrt{5^2 + 12^2} = \sqrt{25 + 144} = \sqrt{169} = 13 \text{ cm.}$*



