



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

### **General Questions**

Practice Questions



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**Q1. In triangle DEF, if DE = 6, EF = 8, and DF = 10, is triangle DEF a right triangle?**

- A. Yes
- B. No
- C. Not enough information
- D. Only if angle D is 90 degrees

*Solution: Using the Pythagorean theorem,  $6^2 + 8^2 = 36 + 64 = 100 = 10^2$ , thus triangle DEF is a right triangle.*



