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General Questions

Practice Questions

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.

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