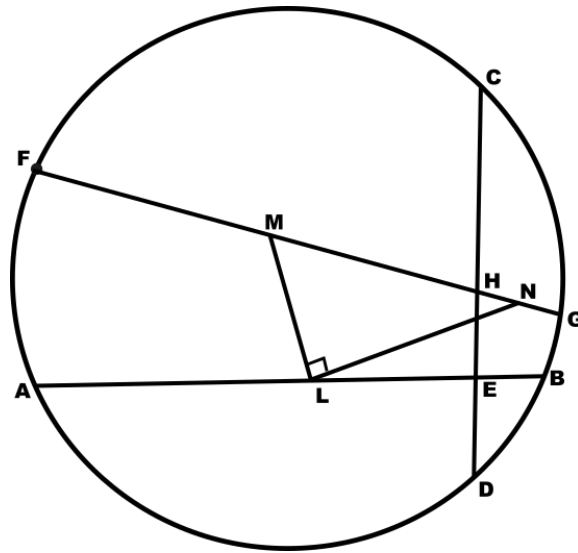


Cash Award Question of June 2024



In the picture, AB & CD are two chords cutting each other at E perpendicularly. H is a point on CD such that $ED = EH$ and FG is a diameter of the circle passing through H. L, M & N are the midpoints of AB, FH & GH respectively.

Prove: $\angle MLN$ is a right angle.

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