



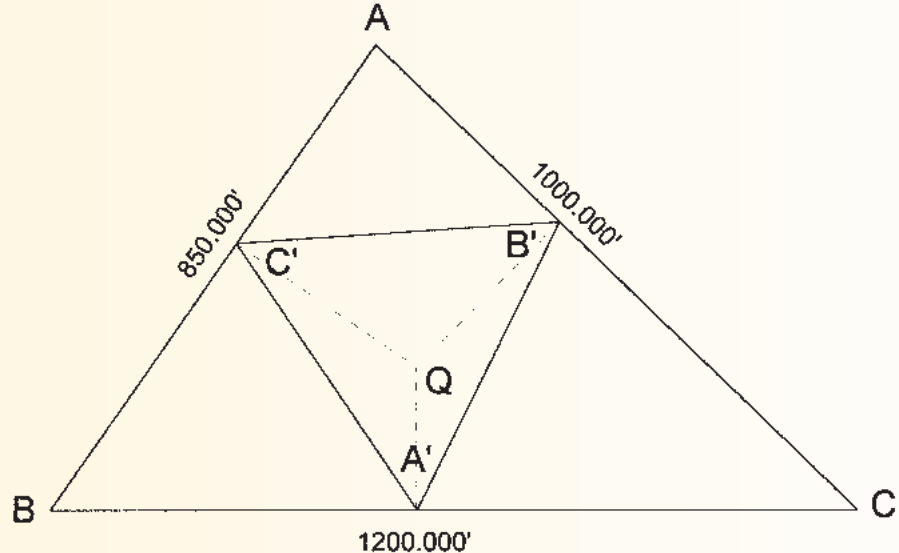
PROBLEM CORNER

Problem 109

In your dream, you win ten million dollars AND find a bank that will pay you 100% interest for a year, compounded any way you like. How much money will you have in the bank after one year if you compound it monthly? Weekly? Daily? Hourly? By the minute? By the second? 100,000,000 times?

Problem 110

Triangle $A'B'C'$ is an equilateral triangle with vertices at the sides of triangle ABC such that $Q-A'$ is perpendicular to $B-C$, $Q-C'$ is perpendicular to $A-B$ and $Q-B'$ is perpendicular to $A-C$. What is the length of a side?



Solutions can be found on our website at www.profsurv.com

The problems for this column are contributed by retired California surveyor Dave Lindell, LS.