**Problem 178**

What is the length of a side of the square?

**Problem 179**

Start a Fibonacci-Like series with the numbers 2, 10. Carry out the series to 25 terms.

What are the ratios of the:

a) 12th to the 11th term?

b) 13th to the 12th term?

c) 14th to the 13th term?

d) What are the significances of a), b), and c)?

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**Meet the Problem Corner Challenge!**

Think you’re a master of our problem corners? Meet our challenge and we’ll print your name here in this magazine. Just follow these steps:

1) Solve both problems.

2) Post a message at the Prof Surv forum (www.profsurv.com/forum) with your name and state and the fact that you think you’ve mastered this month’s problems.

3) Email your solutions to forum moderator: Ashley@profsurv.com.

The first three readers to send Ashley correct solutions to both problems (one winner per coast and one for the central U.S.) will get their names printed here. Check the forum before then for the winning solutions. Good luck!

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Solutions are on our website at [www.profsurv.com](http://www.profsurv.com)