

1116-VN-1930 **Mits Kobayashi*** (mkobayashi@cpp.edu), Department of Mathematics and Statistics, Cal Poly Pomona, Pomona, CA 91768, and **Berit Givens**. *A Notorious Problem in Silverman's A Friendly Introduction to Number Theory*. Preliminary report.

When I teach introductory number theory, I enjoy challenging my students with the following exercise from Silverman's book:

The first two numbers that are both squares and triangles are 1 and 36. Can you figure out an efficient way to find triangle-square numbers?

Although this problem out of Chapter 1 is not intended to be completely solved at that point in the book, we present a solution using only the elementary knowledge acquired in that chapter, albeit in a sophisticated way. (Received September 22, 2015)