



# Problem of the Week

## Problem C

### Penned In

A square enclosure, labelled  $ABCD$ , is sketched out on a piece of graph paper. Three of the vertices of the square  $ABCD$  are located at  $A(0, 3)$ ,  $B(4, 0)$ , and  $C(7, 4)$ .

Determine the area of the square enclosure.

