## Problem of the Week <br> Grade 11 and 12

## Get Your Analytic Skills On

$O A B$ is an isosceles right triangle with vertex $O$ at the origin ( 0,0 ), vertices $A$ and $B$ on the line $2 x+3 y-13=0$ and $\angle A O B=90^{\circ}$.

Determine the area of $\triangle O A B$.

