## Problem of the Week Problem C Overlapping Areas

The area of $\triangle A C D$ is twice the area of square $B C D E . A C$ and $A D$ meet $B E$ at $K$ and $L$ respectively such that $K L=6 \mathrm{~cm}$.

If the side length of the square is 8 cm , determine the area of $\triangle A K L$.


